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QUE SIGUEN LA LEY DE BETHE PARA LA PRODUCCION DE ENERGIA

POR

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LA EVOLUCIÓN DE LAS ESTRELLAS

QUE SIGUEN LA LEY DE BETHE PARA LA PRODUCCION DE ENERGIA

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1. INTRODUCCION

Schönberg y Chandrasekhar (1), e independientemente el que escribe (2), hicieron la observación de que el progresivo agotamiento del hidrógeno en las partes centrales de una estrella tiene que causar una variación de la composición química en la masa estelar; en el sentido de que, aún en el caso de que inicialmente la composición química haya sido la misma en toda la estrella, después de un cierto tiempo en que las reacciones termonucleares (el ciclo de Bethe) han constituido la fuente del calor estelar, la concentración de hidrógeno en el núcleo, $\bar{X}$, será distinta de la concentración X en la envoltura radiativa.

En su nota antes mencionada, el que escribe mostró que, según toda probabilidad, la circulación interior debida a la rotación de la estrella no es suficiente para mezclar de nuevo la materia estelar y así restablecer la uniformidad de composición. Posteriormente, Schatzman (3), en base a las investigaciones de Randers y de Krogdahl (4), sostuvo la conclusión contraria, esto es, que los lentos movimientos de circulación son suficientes para restablecer la uniformidad de composición. Siempre con el fin de probar que la composición de las estrellas comunes es uniforme, Schatzman se refiere también a la estimación hecha por Biermann (5) del coeficiente de difusión por turbulencia. En cuanto se refiere a la difusión, el que escribe está convencido de que en la región radiativa la turbulencia no puede ser importante, pues si lo fuera, a causa de la gran eficacia de la convección turbulenta para el transporte de energía, ésta tendría que producir una forma de equilibrio convectivo. En cuanto a las corrientes de circulación macroscópica, parece difícil que puedan modificarse las precedentes conclusiones del autor; de la misma opinión es también Ledoux (6), el cual evidentemente no conocía el trabajo anterior de quien esto escribe. Desde luego, en la región central en equilibrio convectivo la materia está completamente mezclada.

Entonces, si aceptamos la conclusión de que, por no mezclarse la materia del núcleo con la de la envoltura, la composición química de la estrella no sea uniforme, las configuraciones sucesivas de una estrella durante su evolución podrán calcularse manteniendo constante la composición química de la envoltura (mejor dicho su concentración de hidrógeno X) y dejando variar la concentración de hidrógeno

$\bar{X}$ del núcleo. El objeto de este trabajo es presentar un cálculo de tal tipo, en el cual se adopta como modelo estelar el modelo central convectivo con coeficiente de absorción proporcional a $\rho T^{-7.2}$ (modelo de Cowling generalizado).

Contra el peligro de usar modelos estelares demasiado esquematizados, han prevenido Blanch, Lowan, Marshak y Bethe (**7**) y (**8**), como consecuencia de sus cálculos de un modelo con factor guillotina variable en la estrella. De la misma opinión son también Williamson y Duff (**9**). No cabe duda de que todos estos autores tienen razón si nosotros queremos usar el modelo para determinar la estructura de una estrella dada, como por ejemplo los métodos standard para determinar la composición química del sol. Pero el modelo central convectivo es seguramente suficiente para reproducir las características generales de las estrellas y especialmente las relaciones masa-luminosidad, masa-radio, y es muy presumible que aparte de las dificultades relacionadas con la uniformidad de composición química, este modelo pueda darnos una idea bastante aproximada de la evolución de las estrellas de la secuencia principal.

2. EL MODELO CENTRAL CONVECTIVO GENERALIZADO

Las fórmulas relativas al modelo de Cowling generalizado son bien conocidas (**1** y **10**) y aquí son repetidas sólo para explicar el significado de la notación.

Las hipótesis fundamentales del modelo son las siguientes:

a) La presión de radiación relativa es despreciable; esto limita la aplicación del modelo a masas pequeñas.

b) El coeficiente de opacidad en la envoltura radiativa está expresado por la ley de Kramers-Eddington

$$\varkappa = \varkappa_0 \rho T^{-3.5}, \tag{1}$$

donde ρ es la densidad, T la temperatura y la constante $\varkappa_0$ puede escribirse

$$\varkappa_0 = [25.63]\frac{\bar{g}}{t}(1 - X^2), \tag{2}$$

siendo X la concentración de hidrógeno en la envoltura, y $\bar{g}/t$ el factor guillotina; la constante es la correspondiente a la mezcla de Russell.

En esta fórmula se supone también igual a cero la concentración del helio. El factor guillotina $\bar{g}/t$, para una mezcla dada, es una función de la temperatura y de la densidad electrónica $\rho(1 - X)$. En la práctica, Strömgren (**11**) halló que se obtiene una buena aproximación tomando para $\bar{g}/t$ un cierto valor medio, igual al valor de este factor en un punto de la estrella donde la temperatura es 2/3 de la temperatura central T_c. Como en aquel punto la densidad es aproximadamente igual a 1/3 de la densidad central ρ_c, en los cálculos numéricos se adoptó para $\bar{g}/t$ el factor guillotina correspondiente a $T = \frac{2}{3}T_c$,

$\rho = \frac{1}{3}\rho_c$. Si se compara con la variación del factor guillotina en el modelo de Blanch, Lowan, etc. (**7**) y (**8**), se encuentra que de esta manera se obtiene una aproximación suficiente para el fin de este trabajo.

c) El peso molecular medio tiene un valor constante μ en la envoltura y un valor distinto $\bar{\mu}$, pero también constante, en el núcleo. En el caso de una completa ionización, μ se calcula por la fórmula

$$\mu = \frac{2}{1 + 3X} \tag{3}$$

siempre suponiendo igual a cero la concentración del helio en la envoltura. Esta hipótesis no es necesaria y podría modificarse en cualquier momento sin complicar mucho los cálculos, pero fué adoptada porque es tan arbitraria como cualquier otra. En el núcleo convectivo la concentración del helio no puede suponerse nula, porque la concentración del hidrógeno disminuye precisamente debido a su transformación en helio. Suponiendo, entonces, que inicialmente la composición de la estrella hubiera sido uniforme, la concentración del helio en el núcleo es, evidentemente, $X - \bar{X}$, siendo $\bar{X}$ la del hidrógeno. Sigue, pues,

$$\bar{\mu} = \frac{2}{1 + 2{,}5\,\bar{X} + 0{,}5\,X}; \tag{4}$$

En las fórmulas (3) y (4), el peso molecular medio de la mezcla de Russell completamente ionizada se supone igual a 2 en lugar de 1/0,54. El que escribe encontró que prácticamente la diferencia en los resultados es muy pequeña, y que la fórmula adoptada no solamente es más cómoda, sino que da una aproximación mejor por efecto de la ionización incompleta de los elementos más pesados.

d) La producción de energía se efectúa sólo en el núcleo convectivo de la estrella. Esta hipótesis está, seguramente, bien realizada. La cantidad de energía producida por las reacciones de Bethe, fuera del núcleo, no alcanza a 0,1 % del total.

Con estas hipótesis, las ecuaciones del modelo son las siguientes. Indíquense con una raya las magnitudes físicas relativas al núcleo ; la densidad $\bar{\rho}$ y la presión $\bar{P}$ se obtienen de las ecuaciones

$$\begin{cases} \bar{\rho} = A^{3/2}\theta^{3/2}, \\ \bar{P} = KA^{5/2}\theta^{5/2}, \end{cases} \tag{5}$$

donde A y K son constantes, y θ es la solución E de la ecuación de Emden, para $n = 3/2$. La temperatura es

$$\bar{T} = \frac{H}{k}\bar{\mu}KA\theta, \tag{6}$$

siendo H la unidad de peso atómico, y k la constante de Boltzmann.

Las constantes A y K están relacionadas con la densidad y temperatura centrales mediante las siguientes fórmulas :

$$\begin{cases} \rho_c = A^{3/2}, \\ T_c = \frac{H}{k}\bar{\mu}KA. \end{cases} \tag{7}$$

En la envoltura valen las ecuaciones ordinarias de equilibrio radiativo ; con la ley de opacidad antes mencionada, y despreciando la presión de radiación relativa, las mismas resultan :

$$\begin{cases} \dfrac{dP}{dr} = -G\dfrac{\mathfrak{M}_r}{r^2}\rho, \\ \dfrac{d\mathfrak{M}_r}{dr} = 4\pi r^2\rho, \\ \dfrac{dT}{dr} = -\dfrac{3}{16\pi}\dfrac{1}{ac}\chi_0 L\dfrac{\rho^2}{T^{6.5}r^2}. \end{cases} \tag{8}$$

En estas ecuaciones, r es la distancia desde el centro de la estrella, $\mathfrak{M}_r$ es la masa interior a una esfera de radio r concéntrica con la estrella, L es la luminosidad ; a y c son la constante de Stefan-Boltzmann y la velocidad de la luz, respectivamente.

La superficie de empalme entre el núcleo y la envoltura está definida por la condición de que en ella el gradiente radiativo es inestable. Así se encuentra :

$$\frac{2}{5} = \frac{P_i}{T_i}\left(\frac{dT}{dP}\right)_i, \tag{9}$$

donde el subíndice i indica que las distintas magnitudes tienen que calcularse para $r=r_i$, siendo r_i el radio de la superficie de empalme. Esta condición permite determinar el radio de la superficie de empalme, pero, desde luego, no es suficiente para definir la configuración. Para tal fin se necesitan otras tres condiciones, esto es, tantas cuantas son las ecuaciones diferenciales del problema. Por supuesto, en la envoltura rige la ecuación de estado

$$P = \frac{k}{H}\frac{1}{\mu}\rho T, \tag{10}$$

y entonces, eliminando P, hallamos en lugar de la primera de las (8) :

$$\frac{d(\rho T)}{dr} = -\frac{GH}{k}\mu\frac{\mathfrak{M}_r\rho}{r^2}. \tag{11}$$

Efectuemos el cambio de variables :

$$\begin{cases} \rho = \rho_0 u, \\ T = T_0 t, \qquad r = \dfrac{R}{1+x}, \\ \mathfrak{M}_r = \mathfrak{M}_0 y, \end{cases} \tag{12}$$

siendo R el radio de la estrella, y, ρ_0, T_0, $\mathfrak{M}_0$ tres constantes por el momento indeterminadas. En el contorno, $r=R$, o sea $x=0$, valen las condiciones

$$u(0) = 0, \qquad t(0) = 0, \qquad y(0) = y_1, \tag{13}$$

donde y_1 depende de la masa $\mathfrak{M}$ de la estrella.

$$\mathfrak{M} = \mathfrak{M}_0 y_1 . \tag{14}$$

Ahora elijamos las tres constantes ρ_0, T_0, $\mathfrak{M}_0$ de manera de satisfacer a las condiciones

$$\begin{cases} \dfrac{\mathfrak{M}_0}{T_0} = \dfrac{5}{2}\dfrac{k}{GH}\dfrac{R}{\mu}, \\ \dfrac{\mathfrak{M}_0}{\rho_0} = 4\pi R^3, \\ \dfrac{\rho_0}{T_0^{7.5}} = \dfrac{4\pi}{3} ac \dfrac{R}{\varkappa_0 L}. \end{cases} \tag{15}$$

Las ecuaciones diferenciales se reducen a

$$\begin{cases} \dfrac{d(ut)}{dx} = \dfrac{5}{2} uy, \\ \dfrac{dy}{dx} = -\dfrac{u}{(1+x)^4}, \\ \dfrac{dt}{dx} = \dfrac{u^2}{t^{6.5}}. \end{cases} \tag{16}$$

De las ecuaciones (14) y (15) se obtiene la relación masa-radio-luminosidad :

$$L = \frac{2^{31/2}\pi^3}{3 \cdot 5^{15/2}} \frac{1}{{y_1}^{11/2}} \left(\frac{GH}{k}\right)^{15/2} ac \frac{\mu^{15/2}\mathfrak{M}^{11/2}}{\varkappa_0 R^{1/2}} . \tag{17}$$

En lo que sigue, la ecuación (17) se indicará como la *relación de Eddington*, para distinguirla de otra relación masa-radio-luminosidad que será obtenida más adelante.

La condición de empalme (9) deviene, con las nuevas variables,

$$\frac{5}{2} = \left[\frac{1}{u}\frac{d(ut)}{dt}\right]_i . \tag{18}$$

Por otra parte, las (16) dan :

$$\frac{1}{u}\frac{d(ut)}{dt} = \frac{5}{2}\frac{y t^{6.5}}{u^2}, \tag{19}$$

Entonces, de las ecuaciones (18) y (19) obtenemos en la superficie de empalme :

$$\frac{y_i {t_i}^{6.5}}{{u_i}^2} = 1. \tag{20}$$

El problema es, pues, el de integrar las ecuaciones diferenciales (16) con las condiciones iniciales (13), partiendo de $x = 0$ hasta llegar al valor x_i de x, en el cual se encuentra realizada la condición (20) ; x_i, que resulta, por supuesto, una función del parámetro y_1, define el radio del núcleo convectivo.

3. CONDICIONES DE EMPALME

Sin embargo, una vez integradas las ecuaciones diferenciales, el problema no está completamente resuelto ; como ya se dijo, necesítanse otras tres ecuaciones para empalmar el núcleo con la envoltura. Dos de éstas son evidentes ; deben expresar la continuidad de la masa y de la presión en la superficie de empalme. Entonces, con evidente significado podemos escribir :

$$\begin{cases} \overline{\mathfrak{M}}_i = \mathfrak{M}_i, \\ \overline{\mathrm{P}}_i = \mathrm{P}_i. \end{cases} \tag{21}$$

La tercera condición necesita ser considerada más cuidadosamente. Por la ecuación de estado y la segunda de las (21) se halla, en efecto,

$$\frac{1}{\bar{\mu}} \bar{\rho}_i \overline{\mathrm{T}}_i = \frac{1}{\mu} \rho_i \mathrm{T}_i,$$

o sea,

$$\frac{\rho_i \mathrm{T}_i}{\bar{\rho}_i \overline{\mathrm{T}}_i} = \frac{\mu}{\bar{\mu}}. \tag{22}$$

Esto significa que para $r = r_i$, el producto $\rho \mathrm{T}$, y entonces ρ o T, o ambos, tienen una discontinuidad. La hipótesis más natural es que sea $\overline{\mathrm{T}}_i = \mathrm{T}_i$ (1). Sin embargo, esta hipótesis no puede aceptarse sin más. En efecto, no tenemos que olvidar que el modelo en estudio es sólo una esquematización de la realidad. En la estrella no existe una discontinuidad del peso molecular, sino, por supuesto, una región relativamente poco extendida donde μ varía muy rápidamente pero con continuidad. Correspondientemente, en esta región de transición podrá encontrarse una variación rápida de T, variación que estará expresada, en la esquematización del modelo, por una discontinuidad. El que escribe (**2**) mostró que pueden mantenerse las propiedades de homología del modelo, suponiendo $\bar{\rho}_i = \rho_i$.

Desde luego, el caso real corresponderá a algo intermedio entre los dos extremos $\bar{\rho}_i = \rho_i$ y $\overline{\mathrm{T}}_i = \mathrm{T}_i$. Ledoux (**12**) hizo un análisis detallado de las condiciones físicas realizadas en la región de transición. Sin embargo, quien esto escribe prefiere un razonamiento más sencillo que conduce prácticamente a las mismas conclusiones y que será expuesto más adelante. Un trabajo posterior de Ledoux (**6**), llegado a conocimiento del autor cuando la presente nota estaba lista, conduce de hecho a los mismos resultados. Esto significa que la manera como se efectúa el empalme no tiene mucha importancia sobre los resultados de los cálculos. El que escribe quiere subrayar que, como ya se mencionó en la introducción, el uso del modelo más esquemático se justifica por el hecho de que los cálculos no se refieren a una estrella particular, sino que tienen como finalidad la de determinar las líneas generales del desarrollo de una estrella en la razonable suposición de que éstas no difieran mucho de las que se obtienen para el modelo considerado.

Si la zona de transición no está muy extendida, el gradiente radiativo en la misma región no será muy distinto del gradiente convectivo ; limitándonos a la región de transición tendremos, pues, con gran aproximación,

$$\frac{T}{P}\frac{dP}{dT} = \frac{5}{2}.$$

Por las (8) tenemos, entonces, en la región de transición,

$$\frac{5}{2} = \frac{16\pi}{3} ac \frac{kG}{H} \frac{\mathfrak{M}_r}{L} \frac{T^{8.5}}{P^2} \frac{1}{\mu\varkappa_0}. \tag{23}$$

Luego, si indicamos con el subíndice i_1 las magnitudes relativas a la superficie interior de la región de transición, y con el subíndice i_2 las relativas a la superficie exterior de la misma, será, por la (23),

$$\frac{\mathfrak{M}_{i_1}}{P_{i_1}^2} \frac{T_{i_1}^{8.5}}{\varkappa_{0i_1}\mu_{i_1}} = \frac{\mathfrak{M}_{i_2}}{P_{i_2}^2} \frac{T_{i_2}^{8.5}}{\varkappa_{0i_2}\mu_{i_2}}. \tag{24}$$

En el límite, cuando la región de transición deviene infinitamente angosta, claro está que las magnitudes con el subíndice i_1 tienen que ser iguales a las correspondientes a la superficie de empalme calculadas con las fórmulas relativas al núcleo ; y las magnitudes con el subíndice i_2 tienen que ser iguales a las correspondientes a la misma superficie de empalme, pero calculadas con las fórmulas relativas a la envoltura.

Recordando las (21) se ve en seguida que la (24) es equivalente a

$$\left(\frac{\overline{T}_i}{T_i}\right)^{8.5} = \frac{\overline{\varkappa_0}\,\overline{\mu}}{\varkappa_0\mu},$$

o sea,

$$\left(\frac{\overline{T}_i}{T_i}\right) = \left(\frac{\overline{\varkappa_0}\,\overline{\mu}}{\varkappa_0\mu}\right)^{2/17}. \tag{25}$$

La (25) es la tercera condición de empalme, según este razonamiento. Es muy fácil ver que en la práctica esta condición no difiere mucho de la $\overline{T}_i = T_i$. En efecto, no pudiendo ser $\frac{\overline{\varkappa_0}\,\overline{\mu}}{\varkappa_0\mu}$ mucho más grande que 2, no podrá la razón $\frac{\overline{T}_i}{T_i}$ ser mucho más grande que 1,08. Sin embargo, como no es más difícil resolver las ecuaciones de empalme con la condición (25) que con la $\overline{T}_i = T_i$, en este trabajo se usó la primera.

Póngase $\frac{\overline{\rho}_i}{\rho_i} = p$; p es un parámetro que puede servir para definir las configuraciones. Su relación con el parámetro y_1 se obtiene de la siguiente manera. En el núcleo, por la ecuación de Emden tenemos

$$r = \alpha\xi, \tag{26}$$

siendo

$$\alpha^2 = \frac{5}{2}\frac{1}{4\pi G}\frac{K}{A^{1/2}}.$$

Es fácil ver, pues, que las ecuaciones de empalme (24) y (25) equivalen a

$$\begin{cases} \alpha\xi_i = \dfrac{R}{x_i + 1}, \\ \dfrac{H}{k}\bar{\mu}KH\theta_i = \dfrac{\bar{\mu}}{\mu}\dfrac{1}{p}T_0 t_i, \\ A^{3/2}\theta_i^{3/2} = p\rho_0 u_i, \\ 4\pi\alpha^3 A^{3/2}\left(-\xi^2\dfrac{d\theta}{d\xi}\right)_i = \mathfrak{M}_0 y_i. \end{cases} \tag{27}$$

De las (27) podemos eliminar las constantes formando mediante las ξ, θ y $\dfrac{d\theta}{d\xi}$ expresiones que sean invariantes para transformaciones homológicas de las variables de Emden ξ y θ. De esta manera se obtienen las dos ecuaciones

$$\begin{cases} U_i = p\dfrac{u_i}{y_i(1+x_i)^3}, \\ V_i = p\dfrac{y_i(1+x_i)}{t_i}, \end{cases} \tag{28}$$

donde U_i y V_i son respectivamente los valores que toman en la superficie de empalme los conocidos invariantes homológicos

$$\begin{cases} U = -\dfrac{\theta^{3/2}\xi}{\dfrac{d\theta}{d\xi}}, \\ V = -\dfrac{\xi}{\theta}\dfrac{d\theta}{d\xi}. \end{cases} \tag{29}$$

De la (28), por división, se obtiene:

$$\frac{V_i}{U_i} = \frac{(1+x_i)^4 y_i^2}{u_i t_i}. \tag{30}$$

La ecuación (30) nos permite obtener los valores ξ_i y θ_i, de ξ y θ, en la superficie de empalme; esta ecuación es la misma que se encuentra en la hipótesis $\overline{T}_i = T_i$; sin embargo, las relaciones entre las magnitudes físicas son un poco distintas. Una cualquiera de las (28) permite obtener, después, p. De este modo pueden calcularse p, ξ_i, θ_i, u_i, etc., en función del parámetro y_1.

La densidad y la temperatura centrales se calculan mediante las ecuaciones (7), recordando la relación entre las constantes K, A, α, por una parte, y las (15) por otra. Teniendo en cuenta las (27); se obtiene:

$$\begin{cases} \rho_c = \dfrac{p}{y_1}\dfrac{u_i}{\theta_i^{3/2}}\dfrac{\mathfrak{M}}{4\pi R^3} \\ T_c = \dfrac{2}{5}\dfrac{1}{py_1}\dfrac{t_i}{\theta_i}\dfrac{H\bar{\mu}}{k}\dfrac{G\mathfrak{M}}{R}. \end{cases} \tag{31}$$

El problema está ahora completamente resuelto. En efecto, supónganse dados X y $\bar{X}$, y, además, por supuesto el radio R y la masa $\mathfrak{M}$ de la estrella; las ecuaciones (3) y (4) nos dan μ y $\bar{\mu}$. $\varkappa_0$ y $\bar{\varkappa}_0$ difieren por el factor $1 - X^2$ y además por el valor distinto del factor guillotina. Sin embargo, el error que se comete tomando iguales los factores guillotina, es muy pequeño, pues por la (25) es i

$$p = \left(\frac{\varkappa_0}{\bar{\varkappa}_0}\right)^{2/17}\left(\frac{\bar{\mu}}{\mu}\right)^{15/17}, \tag{32}$$

y entonces un pequeño error en la razón $\frac{\varkappa_0}{\bar{\varkappa}_0}$ no tiene importancia. Despreciando, por consiguiente, la variación del factor guillotina, tenemos:

$$p = \left(\frac{1 - X^2}{1 - \bar{X}^2}\right)^{2/17}\left(\frac{\bar{\mu}}{\mu}\right)^{15/17}. \tag{33}$$

Esta ecuación nos permite determinar p y luego el parámetro y_1. La configuración está así definida, a menos, desde luego, de una transformación homológica. Por lo tanto, dados $\mathfrak{M}$, R, X y $\bar{X}$, las ecuaciones (31) dan la densidad y la temperatura centrales, y la fórmula (17) de Eddington la luminosidad de la estrella.

4. INTEGRACION DE LAS ECUACIONES DIFERENCIALES

Las ecuaciones de empalme para el modelo de Cowling generalizado, han sido resueltas por Mrs. Harrison (**10**) empleando un cierto número de integraciones del modelo central, con $\varkappa = \varkappa_0 \rho T^{-7/2}$ calculadas por Miss Nielsen bajo la dirección de Strömgren. Las tablas de las integrales de Miss Nielsen no han sido publicadas, y como el andar de las constantes numéricas obtenidas por Harrison no es muy regular, pareció indispensable calcular nuevas integrales. Tenemos entonces el problema de integrar numéricamente el sistema de ecuaciones diferenciales (16) con las condiciones iniciales (13), para unos cuantos valores del parámetro y_1 oportunamente elegidos. Para los cálculos numéricos, en lugar de las variables x, y, u, t, son más cómodas las siguientes (**13**):

$$\begin{cases} \xi = \log_{10} x, \\ \upsilon = \log_{10} u, \\ \tau = \log_{10} t. \end{cases}$$

(Préstese atención en no confundir la ξ de este parágrafo con la ξ de la ecuación de Emden).

Se obtiene sin ninguna dificultad el siguiente sistema de ecuaciones, que es muy cómodo para los cálculos

$$\left\{\begin{aligned} \frac{dy}{d\xi} &= -10^{v+\xi-\log_{10} M\,(1+x)^4}, \\ \frac{dv}{d\xi} &= y\,10^{\xi-\tau+0.3979} - \frac{d\tau}{d\xi}, \\ \frac{d\tau}{d\xi} &= 10^{\xi+2v-7.5\tau}, \end{aligned}\right. \tag{34}$$

siendo $M=\log_{10} e$. La función $\log_{10} M\,(1+x)^4$ puede tabularse una vez para siempre y para todos los valores de ξ que interesan, de manera que no se necesitan interpolaciones.

La superficie de la estrella ($x=0$) corresponde, desde luego, a $\xi=-\infty$; por consiguiente, para empezar la integración es preciso calcular los valores de las variables, correspondientes a un valor finito de ξ, empleando una solución aproximada que valga cerca de la superficie de la estrella. Strömgren mostró (13) cómo puede hacerse esto; pero nosotros vamos a usar la siguiente aproximación.

Mientras consideremos sólo una delgada capa superficial, es evidente que en ésta puede tomarse $\mathfrak{M}_r=\text{constante}=\mathfrak{M}$; ello equivale a poner, en las (34), $y=y_1$. Las dos ecuaciones últimas del sistema (34) dan, pues,

$$\left\{\begin{aligned} \tau &= \xi + a, \\ v &= 3.25\xi + 3.75\,a, \end{aligned}\right. \qquad a = \log_{10}\frac{10}{17}y_1, \tag{35}$$

Si uno quiere, ahora, obtener una segunda aproximación, es suficiente poner en la primera de las (34) la solución aproximada de la (35). La ecuación que resulta se integra fácilmente, teniéndose la solución en términos finitos (14); de esta manera se determina y en segunda aproximación y sustituyendo en las dos últimas de las (34), y resolviendo, pueden calcularse v y τ, en segunda aproximación. Este proceso puede repetirse indefinidamente, pero para el problema que nos interesa, que es el de hallar los valores con los cuales empezar las integraciones numéricas, se encuentra que con error inferior a 0.001 %, para $\xi=-0.70$ se pueden adoptar los siguientes valores para τ, v e y:

$$\left\{\begin{aligned} \tau(-0.70) &= -0.70 + a, \\ v(-0.70) &= -2.275 + 3.75\,a, \end{aligned}\right. \qquad y(-0.70) = y_1\left[1 - 0.000138\,\frac{1}{y_1}\left(\frac{10}{17}y_1\right)^{3.75}\right]. \tag{36}$$

A partir de estos valores de τ, v, e y, la integración tiene que seguir con los métodos standard hasta que se encuentre realizada la condición (20). Para estos cálculos se encontró muy cómodo el método de integración numérica de Runge-Kutta (15); este método es bastante rápido y permite alcanzar una precisión muy grande. El cálculo se efectuó con intervalos de 0.1, y después de 0.05, en la variable independiente $\xi=\log_{10} x$. Se empezó con cinco cifras decimales y se siguió luego con cuatro. En un caso el cálculo fué repetido usándose intervalos iguales a la mitad, para controlar la precisión; se encontró de esta manera que la tercera cifra decimal quedaba siempre asegurada (desde luego a menos de errores por redondeo).

Los valores del parámetro y_1 elegidos para el cálculo son :

3.485 3.366 3.281 3.247 3.213 3.179 3.145 3.111.

Estos valores se eligieron para cubrir el intervalo de p que nos interesa. Cuatro de las integraciones han sido calculadas por el que escribe y cuatro por el señor Cesare Lombardi en el Observatorio de Brera (Milán, Italia) ; como control, la integración para 3.145 se repitió con la ayuda de la señorita doctora Luisa Zappa.

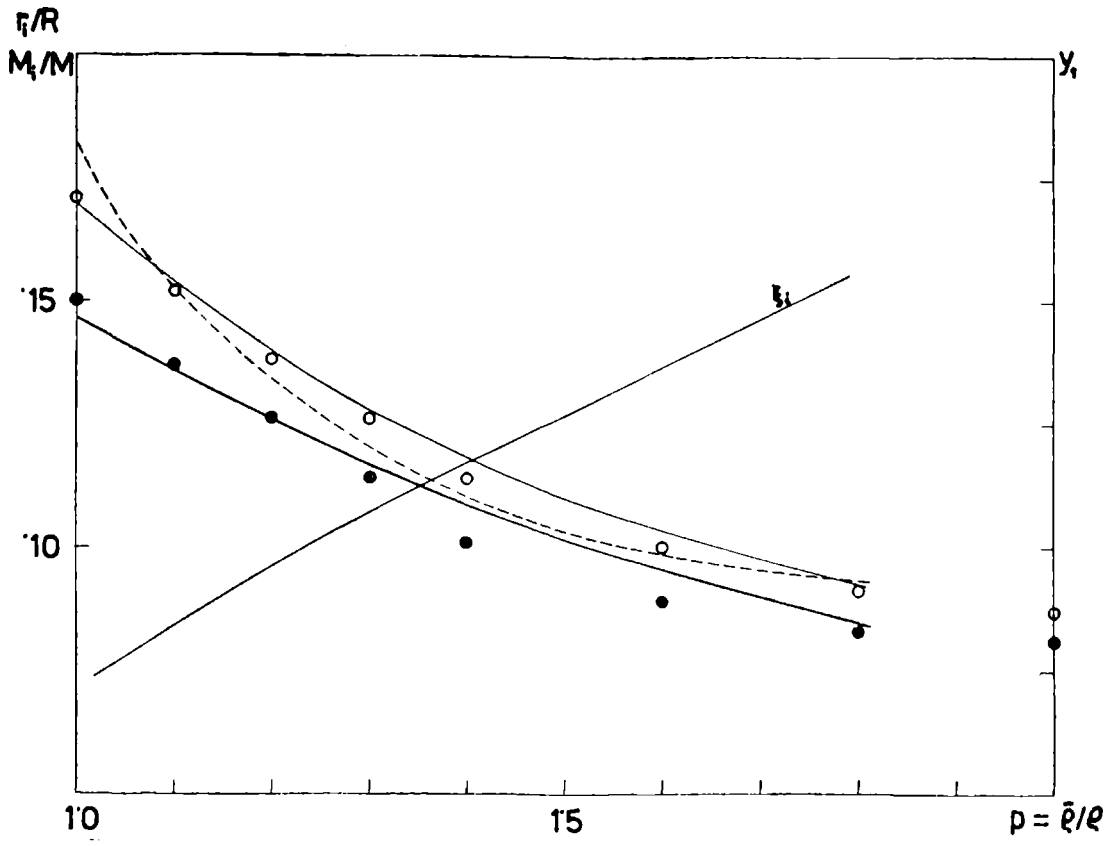

Figura 1

Las tablas de las integrales se encuentran en el apéndice del presente trabajo para comodidad de quienes se interesan por estos problemas.

De acuerdo con la notación aquí empleada, los dos últimos valores de la tabla de Mrs. Harrison, $\mu_c/\mu_e = 1.8$ y $\mu_c/\mu_e = 2.0$, corresponden, respectivamente, a $y_1 = 3.13$ e $y_1 = 3.15$. Según los presentes cálculos, para $y_1 = 3.111$ e $y_1 = 3.145$ no es posible resolver las ecuaciones del empalme porque para las soluciones correspondientes la condición (20) no se realiza nunca.

Desde luego, eso no significa que estas soluciones puedan continuarse hasta el centro de la estrella, pues la continuación no es nada más que un hecho analítico sin significado físico, como en el caso de las soluciones M y F de la ecuación de Emden. El que escribe opina que la discrepancia con los resultados de Mrs. Harrison sólo depende de la insuficiente aproximación de las integraciones de Miss Nielsen ; esto se encuentra confirmado, también, por el andar irregular de los valores de r_i/R y de $\mathfrak{M}_i/\mathfrak{M}$, calculados por Mrs. Harrison en función de p, según se mencionó más arriba. La tabla 1 resume los resultados de las integraciones. Los mismos se muestran también en la figura 1, en la cual están contenidos

asimismo los resultados de Mrs. Harrison. En la tabla I las distintas columnas contienen: 1ª) el parámetro y_1; 2ª) el factor p de discontinuidad de la densidad en la superficie de empalme. De acuerdo con la notación de Mrs. Harrison p es igual a la razón entre el peso molecular medio del núcleo y el de la

TABLA I

y_1	p	r_i/R	$\mathfrak{M}_i/\mathfrak{M}$	ξ_i	θ_i	x_i	y_i	t_i	u_i
3.485	1.028	0.1650	0.1435	1.200	0.7840	5.055	0.4998	6.290	278.5
3.366	1.158	0.1451	0.1301	1.233	0.7732	5.893	0.4379	6.680	316.2
3.281	1.300	0.1279	0.1168	1.264	0.7630	6.814	0.3831	7.071	356.1
3.247	1.386	0.1197	0.1096	1.282	0.7569	7.357	0.3564	7.281	378.1
3.213	1.500	0.1101	0.1012	1.303	0.7499	8.074	0.3254	7.544	405.7
3.179	1.733	0.0961	0.0880	1.351	0.7335	9.404	0.2799	7.967	449.2
3.145									
3.111					no hay inestabilidad				

envoltura; 3ª y 4ª) las fracciones del radio y de la masa correspondientes al núcleo. Extrapolando a $p=1.00$ resulta $y_1=3.528$, $\frac{r_i}{R}=0.169$, $\frac{\mathfrak{M}_i}{\mathfrak{M}}=0.147$. En la tabla II se pueden comparar los valores correspondientes calculados por varios autores.

TABLA II

Autor	r_i/R	$\mathfrak{M}_i/\mathfrak{M}$	Publicación
Cowling.....	0.169	0.145	MN **96**, 42, 1936, Ap.
Marshak	0.177	0.155	ApJ **91**, 362, 1940
Bondi.....	0.170	0.147	MN **109**, 77, 1949
Gratton	0.169	0.147	Presente trabajo

Como puede verse, el acuerdo con Cowling y Bondi es perfecto. El resultado de Marshak, obtenido empleando las integraciones de Miss Nielsen, está equivocado por poco menos del 10 %.

En fin, las últimas columnas de la tabla I contienen los valores de las variables de Emden ξ y θ y los de las variables x, y, t y u en la superficie de empalme. La solución E de la ecuación de Emden para $n=\frac{3}{2}$, se obtuvo de la tabla de Fairclough (**16**) interpolando hasta las diferencias quintas.

Puede observarse que la fracción de la masa total contenida en el núcleo no puede disminuir durante la evolución sin que se forme en correspondencia una región de transición con peso molecular variable, región que corresponde a la materia contenida entre la superficie límite del núcleo inicial ($\mathfrak{M}_p=0.147\,\mathfrak{M}$) y la superficie límite del núcleo en el momento considerado. Esta es una inconsistencia del modelo debida a la esquematización, pero es muy difícil, y probablemente no vale la pena para el fin de este trabajo, calcular las condiciones que existen en la región de transición así producida. Como esta inconsistencia se encuentra también con el método de Ledoux para resolver las ecuaciones de empalme, ésta

fué la razón principal por la cual en este trabajo se usó el método más simplificado del parágrafo 3. Es opinión del autor que esta dificultad no puede afectar notablemente los resultados.

Si introducimos las funciones

$$\begin{cases} F(p) = \dfrac{2^{31/2}\pi^3}{3 \cdot 5^{15/2}} \dfrac{1}{y_1^{11/2}}, \\ H(p) = \dfrac{2}{5} \dfrac{1}{p y_1} \dfrac{t_i}{\theta_i}, \\ J(p) = \dfrac{1}{4\pi} \dfrac{p}{y_1} \dfrac{u_i}{\theta_i^{3/2}}, \end{cases} \tag{37}$$

la fórmula de Eddington (17) y las fórmulas (31) para la densidad y temperaturas centrales se escriben :

$$\begin{cases} \log L = 27.283 + \log F + \dfrac{15}{2} \log \mu - \log K_0 + \dfrac{11}{2} \log \mathfrak{M} - \dfrac{1}{2} \log R, \\ \log T_c = 7.361 + \log H + \log \bar{\mu} + \log \mathfrak{M} - \log R, \\ \log \rho_c = 0.711 + \log J + \log \mathfrak{M} - 3 \log R, \end{cases} \tag{38}$$

siendo los logaritmos de base 10, y las unidades de $\mathfrak{M}$, R y L los valores correspondientes para el Sol.

Las fórmulas (38) son las que sirven para los cálculos. La tabla III contiene en sus columnas 2, 4 y 5 las funciones F, H y J del parámetro p.

TABLA III

p	log F	log G	log H	log J
1.0	$\bar{3}.433$	5.170	$\bar{1}.953$	0.943
1.1	$\bar{3}.506$	5.382	$\bar{1}.950$	1.047
1.2	$\bar{3}.560$	5.580	$\bar{1}.945$	1.143
1.3	$\bar{3}.600$	5.755	$\bar{1}.939$	1.227
1.4	$\bar{3}.528$	5.913	$\bar{1}.931$	1.300
1.5	$\bar{3}.650$	6.049	$\bar{1}.922$	1.366
1.6	3.664	6.166	$\bar{1}.912$	1.422
1.7	$\bar{3}.673$	6.272	$\bar{1}.901$	1.474
1.8	$\bar{3}.678$	6.373	$\bar{1}.889$	1.522

5. LA SEGUNDA FORMULA MASA-RADIO-LUMINOSIDAD

Las fórmulas (38) junto con las (2), (3) y (4) permiten calcular la luminosidad de una estrella dados $\mathfrak{M}$, R, X y $\bar{X}$, adoptando en lo que se refiere a los elementos pesados una composición química cualquiera, por ejemplo la mezcla de Russel. De acuerdo al teorema de Vogt-Russell tendríamos, sin embargo, que poder calcular la luminosidad como función sólo de $\mathfrak{M}$, X y $\bar{X}$. Para este fin necesitamos,

por cierto, además de la fórmula de Eddington, una segunda relación masa-radio-luminosidad. Ésta puede obtenerse de la ley para la producción de la energía mediante la fórmula evidente

$$L = 4\pi \int_0^R \rho \varepsilon r^2 dr, \tag{39}$$

siendo ε (T, ρ) la cantidad de energía producida por gramo y por segundo en el interior de la estrella. En la práctica, a esta integral llevan una contribución sensible sólo las regiones del núcleo, lo cual justifica el uso del modelo central convectivo (**7**) y (**8**).

Como se sabe es muy probable que en las estrellas de la secuencia principal la producción de energía sea enteramente debida a las reacciones nucleares del ciclo C-N propuestas por Bethe (**17**) ; en este caso, es

$$\varepsilon = 3 \times 10^{21} \bar{X} \bar{\rho} \zeta^2 e^{-\zeta}, \tag{40}$$

siendo $\zeta = \frac{152}{\bar{T}^{1/3}}$ y $\bar{T}$ la temperatura medida en millones de grados. El valor numérico del coeficiente 3×10^{21} en la ecuación (40) depende de la concentración de nitrógeno de la materia estelar (**18**). La concentración adoptada es del 1 %; estimación que podría ser sensiblemente modificada, pero hoy no parece más justificado ningún otro valor.

Aunque los cálculos numéricos pueden ejecutarse directamente con la fórmula (40), ésta no es muy cómoda. Algunas pruebas numéricas muestran, sin embargo, que la (40) puede ser substituída con muy gran aproximación por la fórmula más sencilla

$$\varepsilon = \Gamma \bar{X} \bar{\rho} \theta^{\gamma}, \tag{41}$$

siendo Γ y γ dos constantes cuyo valor depende de la temperatura central T_c. θ es, como siempre, la variable de Emden, y en este caso es equivalente a $\bar{T}/T_c$. En los intervalos de θ y para los valores de T_c que

TABLA IV

log T_c	γ	log Γ	log S
7.0	24.0	$\bar{6}.52$	$\bar{8}.33$
7.1	22.0	$\bar{4}.73$	$\bar{6}.47$
7.2	20.3	$\bar{2}.72$	$\bar{4}.48$
7.3	18.7	0.67	$\bar{2}.38$
7.4	17.3	2.41	0.16
7.5	15.9	4.01	1.81
7.6	14.7	5.47	3.31
7.7	13.7	6.83	4.70

nos interesan, el error de la ecuación (41) no alcanza al 2 ó al 3 %, y como las diferencias más grandes entre la (41) y la (40) corresponden a regiones cuya contribución a la integral (39) es muy pequeña, los correspondientes errores en L son, seguramente, muy pequeños también (**19**). La Tabla IV muestra los valores de las constantes Γ y γ para algunos valores de la temperatura central T_c.

Sustituyendo la (41) en la (39), como en la práctica la integral se reduce sólo al núcleo, se obtiene

$$L = 4\pi \Gamma \bar{X} \rho_c^2 \alpha^3 \int_0^{\xi_i} \theta^{\gamma+3} \xi^2 d\xi.$$

Eliminando ρ_c y α se tiene

$$L = \frac{p^2}{\gamma_1^2} \frac{u_i^2}{\theta_i^3 \xi_i^3 (x_i + 1)^3} \bar{X} \frac{\mathfrak{M}^2}{R^3} \frac{\Gamma}{4\pi} \int_0^{\xi_i} \theta^{\gamma+S} \xi^2 d\xi. \tag{42}$$

La función

$$S = \frac{\Gamma}{4\pi} \int_0^{\xi_i} \theta^{\gamma+3} \xi^2 d\xi \tag{43}$$

depende únicamente de T_c y puede fácilmente calcularse con una integración numérica. Los valores de la función $S(T_c)$ se encuentran en la tabla IV columna 4.

Pongamos por último :

$$G(p) = \frac{p^2}{\gamma_1^2} \frac{u_i^2}{\theta_i^3 \xi_i^3 (x_i + 1)^3}. \tag{44}$$

La segunda fórmula masa-radio-luminosidad resulta, expresando todo, como antes, en unidades solares :

$$\log L = 0.491 + \log G + \log S + \log \bar{X} + 2 \log \mathfrak{M} - 3 \log R. \tag{45}$$

La ecuación (45), completa el grupo de las fórmulas necesarias para el cálculo de la luminosidad de una estrella. Los valores de la función G (p) están contenidos en la columna 3 de la tabla III.

6. CALCULO DE LAS LINEAS DE DESARROLLO DE UNA ESTRELLA DE LA SECUENCIA PRINCIPAL

Estamos finalmente en condiciones de calcular las sucesivas configuraciones de una estrella de la secuencia principal en la hipótesis de que su evolución corresponda a la progresiva transformación del hidrógeno del núcleo en helio. Para este fin, las ecuaciones necesarias son las (38) y la (45) donde, para una estrella determinada, $\mathfrak{M}$ y X serán constantes durante el desarrollo. Por supuesto, la primera y segunda relación masa-radio-luminosidad tienen que dar para cada valor del parámetro p la misma luminosidad L ; esto determina el radio R de la estrella en función de p, o sea, de $\bar{X}$.

Como ya se mencionó, usando las fórmulas (3) y (4) para calcular μ y $\bar{\mu}$ se desprecia el hecho de que la ionización de la mezcla de Russell no es completa. Sin embargo, ya se dijo que de esta manera se comete un error seguramente muy pequeño. En cambio no es posible despreciar, para calcular χ_0, la variación del valor medio del factor guillotina de una estrella a otra y, para la misma estrella, de una configuración a otra durante su evolución. Para este cálculo se emplearon las tablas de Morse (**20**) adoptando para T y ρ, respectivamente, las fracciones $^2/_3$ y $^1/_3$ de sus valores T_c y ρ_c en el centro de la estrella obtenidos con las (38).

La figura 2 muestra la evolución de algunas estrellas típicas en el diagrama de Hertzsprung-Russell. Los cálculos corresponden a: log $\mathfrak{M}=0.0$, $X=0.15$, $X=0{,}30$, $X=0.45$; log $\mathfrak{M}=+0.4$, $X=0.30$; log $\mathfrak{M}=-0.4$, $X=0.30$. Para comparar, se indicaron en el diagrama algunas estrellas standard.

De una inspección de la figura 2 resultan enseguida algunas importantes conclusiones:

a) La variación de la luminosidad de una estrella, durante la fase de agotamiento del hidrógeno mediante el ciclo de Bethe, es muy pequeña; en los casos típicos considerados, no llega esta variación a tres cuartos de magnitud estelar. Esta conclusión es de la mayor importancia, porque elimina una de las dificultades relacionadas con la teoría de la evolución de una estrella, como efecto de las reacciones termonucleares del ciclo de Bethe. En la forma anterior de la teoría, tal como se encuentra por ejemplo

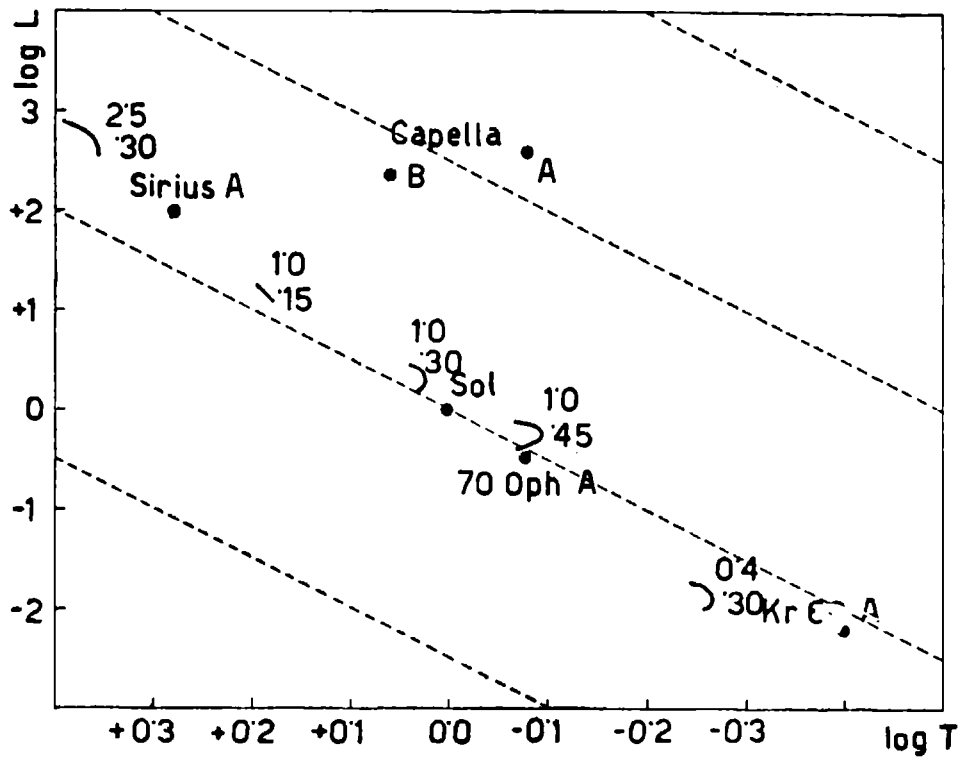

Figura 2

en el trabajo original de Bethe (17), donde se supuso que la composición química se mantenía uniforme en la estrella, la variación total de la luminosidad durante la evolución alcanzaba a varias magnitudes. Por otra parte, una variación tan grande no está de acuerdo con la relación experimental masa-luminosidad, la cual muestra una dispersión muy pequeña de la luminosidad de las estrellas de una masa dada. Para vencer esta dificultad, Bethe sugirió que las estrellas podrían tener todas la misma edad (17); pero esta hipótesis no puede conciliarse con la existencia de estrellas de gran luminosidad, en las cuales la producción de energía es mucho más fuerte que, por ejemplo, en el sol (y, por lo tanto, el agotamiento del hidrógeno mucho más rápido).

También el hecho bien conocido de que durante las eras geológicas la luminosidad del sol no pudo variar mucho, encuentra de esta manera su explicación. La transformación en helio de una cantidad de hidrógeno igual al 35 % de la masa del núcleo solar, esto es, igual al 5 % de toda la masa solar, puede proveer una cantidad de energía suficiente para mantener la irradiación actual del sol por 5.7×10^9 años. Si, entonces, el sol tenía inicialmente una concentración de hidrógeno $X=0.35$, el mismo tendría que encontrarse más o menos en la mitad de su período de desarrollo como estrella de la secuencia principal.

Durante la evolución, la luminosidad va levemente aumentando, porque el efecto del aumento de la temperatura y de la densidad centrales excede al de la disminución de la concentración de hidrógeno en el núcleo. Desde luego, en un cierto momento este efecto compensatorio ya no podrá ser suficiente, pero, desde este momento, tendrán que intervenir otras fuentes de energía, por ejemplo una fuente gravitacional (**21**), o se formará un núcleo isotermo (**22**) con una distribución de las fuentes termonucleares limitada a una capa delgada de la estrella. Este problema no está considerado en la presente nota.

b) También la temperatura superficial durante esta fase evolutiva, tiene una variación muy pequeña; en otras palabras, la evolución de la estrella afecta sólo su estructura interior, sin que puedan observarse importantes variaciones en la superficie. Es importante observar que las conclusiones *a*) y *b*) no dependen de las simplificaciones introducidas; por ejemplo, los mismos resultados han sido obtenidos también por Ledoux usando un método distinto para empalmar el núcleo con la envoltura radiativa. Como consecuencia de estos dos hechos, el diagrama de Hertzsprung-Russell, por lo menos en cuanto se refiere a las estrellas de la secuencia principal, *no* es un diagrama evolutivo, sino que la posición de una estrella en el mismo diagrama es sólo una consecuencia de su composición química *inicial*. En una nota anterior (**2**) el autor mostró cómo de esta manera resulta mucho más comprensible la posición de estrellas de distinta concentración de hidrógeno en el diagrama de Russell, especialmente la de los cúmulos galácticos, y cómo sólo de esta manera puede comprenderse la presencia de gigantes de los tipos G y K en los cúmulos galácticos con baja concentración de hidrógeno.

c) La dispersión en la relación masa-luminosidad puede explicarse sin dificultad con las diferencias de composición inicial de las estrellas. Para una misma masa una pequeña variación de X produce fuertes variaciones de L. Como la dispersión observada no es grande, esto significa que la composición química de las estrellas, en lo que se refiere al hidrógeno, era notablemente la misma para todas. Adoptando una concentración inicial cero de helio, los valores $X=0.15$ y $X=0.45$ están probablemente muy cerca de los límites compatibles con las observaciones.

d) La variación de X, por lo contrario, no es suficiente para explicar la dispersión de las estrellas con respecto a la secuencia principal del diagrama de Hertzsprung-Russell. En efecto, llama la atención cómo una variación de X o de $\mathfrak{M}$ desplaza la línea evolutiva de una estrella casi exactamente en una dirección paralela a la secuencia principal. La dispersión observada, entonces, no puede explicarse sino por una causa distinta de la variación de la concentración de hidrógeno (y, por supesto, distinta de la diferencia de edad de las estrellas). En este sentido, podría ser interesante estudiar el efecto de una variación de la concentración inicial de helio, concentración que en este trabajo se supuso siempre cero. También una variación de los elementos catalizadores del ciclo de Bethe (C, N) tendría que producir una dispersión perpendicular a la secuencia principal.

Desde luego, la teoría desarrollada en esta nota no puede explicar la evolución de las estrellas gigantes.

Los cálculos numéricos relativos a este trabajo han sido ejecutados casi todos en el Centro di Studi per la Fisica stellare del Consiglio Nazionale delle Ricerche (en el Observatorio de Merate, Italia). Al Director del mismo, profesor L. Volta y al presidente del C. N. R. profesor G. Colonnetti, el autor expresa todo su agradecimiento. El autor quiere agradecer también al señor Cesare Lombardi y a la señorita doctora Luisa Zappa por la valiosa ayuda en las integraciones numéricas de las ecuaciones diferenciales del modelo central.

APENDICE

INTEGRALES DE LAS ECUACIONES DEL MODELO CENTRAL CON $\varkappa = \varkappa_0 \rho / T^{3,5}$

$$y_1 = 3.485$$

ξ	y	$-y'$	τ	τ'	v	v'
—.70	3.4830	0.0174	—0.3882	1.0000	—1.1059	3.2474
.60	3.4804	0.0390	0.2883	0.9992	0.7813	3.2455
.50	3.4745	0.0847	0.1884	0.9983	0.4569	3.2406
.40	3.4620	0.1765	—0.0887	0.9964	—0.1333	3.2296
.30	3.4365	0.3509	+0.0108	0.9923	+0.1887	3.2081
.20	3.3873	0.6608	0.1096	0.9844	0.5076	3.1667
10	3.2977	1.1684	0.2074	0.9698	0.8210	3.0927
.00	3.146	1.918	+0.303	0.9436	+1.125	2.969
+.10	2.907	2.877	0.396	0.9043	1.412	2.773
.20	2.568	3.883	0.484	0.8457	1.677	2.495
+.25	2.363	4.309	+0.525	0.8087	+1.797	2.327
.30	2.139	4.630	0.564	0.7691	1.909	2.140
.35	1.902	4.806	0.602	0.7236	2.011	1.941
.40	1.661	4.819	0.637	0.6730	2.103	1.734
.45	1.423	4.666	0.670	0.6269	2.184	1.519
.50	1.197	4.364	0.700	0.5794	2.255	1.311
.55	0.989	3.948	0.727	0.5315	2.316	1.111
.60	0.803	3.462	0.753	0.4862	2.366	0.926
.65	0.643	2.960	0.776	0.4436	2.408	0.759
.70	0.508	2.448	0.797	0.4040	2.443	0.612
.75	0.398	1.986	0.816	0.3683	2.470	0.4843

$$y_1 = 3.366$$

ξ	y	$-y'$	τ	τ'	v	v'
—.70	3.3642	0.0153	—0.4033	1.0000	—1.1625	3.2477
.60	3.3618	0.0343	0.3034	0.9994	0.8378	3.2458
.50	3.3567	0.0744	0.2035	0.9985	0.5134	3.2412
.40	3.3456	0.1550	0.1037	0.9966	—0.1897	3.2315
.30	3.3232	0.3083	—0.0042	0.9929	+0.1326	3.2118
.20	3.2800	0.5814	+0.0947	0.9857	0.4521	3.1743
—.10	3.2011	1.0305	0.1927	0.9725	0.7664	3.1066
.00	3.067	1.698	+0.2888	0.9496	+1.072	2.994
+.05	2.971	2.113	0.336	0.9329	1.220	2.913
.10	2.855	2.564	0.382	0.9126	1.363	2.815
.15	2.714	3.042	0.427	0.8878	1.501	2.697
.20	2.551	3.506	0.471	0.8579	1.632	2.560
.25	2.365	3.922	0.513	0.8244	1.756	2.403
.30	2.160	4.254	0.553	0.7864	1.872	2.228
.35	1.941	4.464	0.591	0.7446	1.979	2.039
.40	1.716	4.530	0.628	0.6998	2.076	1.840
.45	1.491	4.443	0.661	0.6534	2.163	1.637
.50	1.274	4.214	+0.693	0.6060	+2.240	1.436
.55	1.072	3.869	0.722	0.5595	2.307	1.243
.60	0.888	3.446	0.749	0.5150	2.364	1.061
.65	0.728	2.982	0.774	0.4725	2.413	0.896
.70	0.590	2.514	0.796	0.4333	2.454	0.749
.75	0.476	2.072	0.817	0.3976	2.488	0.622
.80	0.382	1.673	0.836	0.3657	2.517	0.514

$$y_1 = 3.281$$

ξ	y	$-y'$	z	z'	v	v'
—.70	3.2794	0.0139	—.4144	1.0000	—1.2042	3.2479
.60	3.2772	.0312	.3145	0.9994	0.8794	3.2461
.50	3.2725	.0676	.2146	.9985	.5550	3.2419
.40	3.2625	.1409	.1148	.9974	— .2312	3.2325
.30	3.2422	.2804	—.0153	.9936	+ .0912	3.2143
.20	3.2028	.5291	+.0837	.9867	.4111	3.1794
—.10	3.1310	.9393	.1818	.9743	.7262	3.1163
.00	3.0081	1.553	+.2783	.953	+1.0330	3.010
+.10	2.814	2.357	.372	.918	1.326	2.843
.20	2.533	3.248	.461	.867	1.599	2.603
.30	2.169	3.987	.545	.799	1.844	2.288
+.40	1.750	4.313	.621	.716	2.055	1.916
.45	1.535	4.270	.655	.671	2.146	1.721
.50	1.325	4.090	.688	.625	2.227	1.525
.55	1.128	3.795	.718	.580	2.298	1.336
.60	0.947	3.416	.746	.535	2.361	1.158
.65	0.787	2.990	.771	.493	2.414	0.994
.70	0.648	2.550	.795	.454	2.460	0.848
.75	.532	2.125	.817	.419	2.499	.720
.80	.435	1.735	.837	.387	2.531	.612
.85	.357	1.393	.856	.359	2.561	.523

$$y_1 = 3.247$$

ξ	y	$-y'$	z	z'	v	v'
—.70	3.2454	.0133	—.4190	1.0000	—1.2211	3.2479
.60	3.2434	.0300	.3190	0.9994	0.8964	3.2462
.50	3.2388	.0650	.2191	.9986	.5720	3.2421
.40	3.2292	.1355	.1193	.9970	— .2482	3.2333
.30	3.2096	.2697	—.0198	.9936	+ .0744	3.2155
.20	3.1718	.5092	+.0793	.9872	.3944	3.1814
—.10	3.1026	.9044	.1774	.9752	.7098	3.1200
.00	2.9843	1.4967	+.2739	.9539	+1.0170	3.0165
+.10	2.797	2.276	.368	.920	1.3111	2.854
.20	2.526	3.147	.457	.871	1.5854	2.619
.30	2.172	3.882	.541	.804	1.8325	2.311
+.40	1.762	4.225	+.618	.722	+2.0458	1.947
.45	1.551	4.197	.653	.678	2.1383	1.754
.50	1.345	4.037	.685	.633	2.2212	1.561
.55	1.150	3.761	.716	.587	2.2945	1.373
.60	0.970	3.401	.744	.544	2.3587	1.196
.65	.810	2.988	.770	.502	2.4142	1.034
.70	.672	2.560	.794	.463	2.4621	0.888
.75	.554	2.143	.817	.427	2.5032	.760
.80	.457	1.758	.837	.396	2.5385	.652
.85	.377	1.417	.856	.367	2.5688	.563
.90	.314		.874		2.5950	

$y_1 = 3.213$

ξ	y	$-y'$	τ	τ'	ν	ν'
—.70	3.2115	0.0128	—0.4235	1.0000	—1.2383	3.2480
.60	3.2095	.0288	.3236	0.9995	0.9135	3.2463
.50	3.2052	.0625	.2237	.9986	.5891	3.2424
.40	3.1959	.1303	.1239	.9971	— .2652	3.2337
.30	3.1771	.2593	— .0243	.9939	+ .0574	3.2164
.20	3.1407	.4898	+ .0748	.9874	.3776	3.1834
—.10	3.0741	.8706	.1729	.9757	.6932	3.1237
.00	2.9601	1.4422	+ .2696	.9552	+1.0009	3.0229
+.10	2.779	2.198	.3636	.922	1.296	2.865
.20	2.517	3.048	.454	.874	1.572	2.636
.30	2.174	3.776	.538	.809	1.821	2.334
+.40	1.774	4.136	+ .615	.728	+2.037	1.977
.45	1.567	4.124	.650	.685	2.131	1.787
.50	1.364	3.982	.683	.640	2.215	1.596
.55	1.171	3.725	.714	.595	2.290	1.411
.60	0.993	3.383	.743	.552	2.356	1.235
.65	.833	2.987	.769	.511	2.414	1.072
.70	.694	2.571	.794	.472	2.464	0.927
.75	.576	2.162	.817	.436	2.507	.800
.80	.478	1.782	.838	.404	2.544	.691
.85	.397	1.443	.857	.376	2.576	.602
.90	.333	1.150	.875	.351	2.605	.530
.95	.282		.892		2.630	

$y_1 = 3.179$

ξ	y	$-y'$	τ	τ'	ν	ν'
—.70	3.1776	0.0123	0.4282	1.0000	1.2556	3.2480
.60	3.1757	.0277	.3282	0.9994	0.9308	3.2465
.50	3.1715	.0600	.2283	.9987	.6064	3.2425
.40	3.1626	.1252	.1285	.9972	— .2825	3.2341
.30	3.1445	.2493	—.0289	.9939	+ .0402	3.2174
.20	3.1095	.4709	+.0702	.9879	.3605	3.1852
—.10	3.0455	.8376	.1684	.9765	.6764	3.1272
.00	2.9358	1.3891	+.2652	.9564	+ .9846	3.0294
+.10	2.761	2.121	.359	.925	1.280	2.875
.20	2.508	2.950	.450	.877	1.557	2.652
.30	2.175	3.672	.534	.813	1.808	2.358
+.40	1.785	4.046	+.612	.735	+2.027	2.006
.45	1.582	4.049	.647	.692	2.123	1.819
.50	1.382	3.924	.681	.648	2.209	1.631
.55	1.192	3.687	.712	.603	2.286	1.448
.60	1.015	3.363	.741	.560	2.354	1.273
.65	0.856	2.983	.768	.519	2.413	1.112
.70	.717	2.579	.793	.480	2.465	0.967
.75	.598	2.179	.816	.445	2.510	.839
.80	.499	1.804	.838	.413	2.550	.731
.85	.417	1.467	.858	.384	2.584	.641
.90	.352	1.176	.876	.359	2.614	.569
.95	.299	0.930	.894	.338	2.641	.513
1.00	.258		.910		2.665	

$y_1 = 3.145$

ξ	y	$-y'$	τ	τ'	v	v'
—.70	3.1436	0.0118	— .4328	1.0000	—1.2731	3.2482
.60	3.1418	.0266	.3328	0.9994	0.9484	3.2466
.50	3.1378	.0577	.2330	.9986	.6239	3.2428
.40	3.1292	.1202	.1332	.9972	— .3000	3.2347
.30	3.1119	.2395	— .0336	.9942	+ .0228	3.2184
.20	3.0782	.4525	+ .0656	.9882	.3432	3.1872
—.10	3.0167	.8054	.1638	.9770	.6594	3.1310
.00	2.9112	.1337	+ .2606	.9576	+ .9681	3.036
+.10	2.743	2.046	.3550	.927	1.265	2.886
.20	2.499	2.854	.4455	.880	1.543	2.669
.30	2.175	3.570	.5306	.818	1.796	2.381
+.40	1.796	3.957	.608	.741	2.017	2.036
.45	1.597	3.974	.645	.699	2.114	1.852
.50	1.401	3.867	.678	.655	2.202	1.667
.55	1.212	3.649	.710	.612	2.281	1.485
.60	1.037	3.342	.740	.569	2.351	1.311
.65	0.879	2.978	.767	.528	2.413	1.151
.70	.740	2.586	.792	.489	2.466	1.005
.75	.620	2.195	.816	.454	2.514	0.879
.80	.520	1.825	.838	.422	2.555	.770
+.85	.438	1.491	.858	.393	2.591	.680
.90	.370	1.200	.877	.368	2.623	.608
.95	.317	0.954	.895	.347	2.652	.552
1.00	.274	0.750	.912	.329	2.678	.512
1.05	.241	0.585	.928	.313	2.703	.485

$y_1 = 3.111$

ξ	y	$-y'$	τ	τ'	v	v'
—.70	3.1097	0.0114	—.4376	1.0000	—1.2908	3.2482
.60	3.1079	.0255	.3376	0.9996	0.9660	3.2466
.50	3.1040	.0554	.2377	.9987	.6416	3.2430
.40	3.0958	.1155	.1379	.9973	— .3176	3.2351
.30	3.0792	.2300	—.0383	.9944	+ .0052	3.2192
.20	3.0468	.4347	+.0608	.9892	.3258	3.1886
—.10	2.9877	.7741	.1592	.9780	.6422	3.1341
.00	2.8862	1.266	+.2561	.959	+ .9514	3.041
+.10	2.725	1.974	.350	.931	1.249	2.895
.20	2.488	2.759	.441	.885	1.528	2.684
.30	2.176	3.464	.527	.823	1.783	2.404
+.40	1.806	3.864	.605	.747	2.007	2.066
.45	1.611	3.895	.642	.706	2.106	1.885
.50	1.418	3.805	.676	.663	2.195	1.701
.55	1.233	3.605	.708	.619	2.276	1.522
.60	1.059	3.317	.738	.577	2.348	1.351
.65	0.902	2.969	.766	.537	2.411	1.191
.70	.763	2.591	.792	.498	2.467	1.046
.75	.643	2.209	.816	.463	2.516	0.919
.80	.542	1.845	.838	.431	2.560	.810
.90	.390	1.225	.878	.378	2.632	.647
1.00	.291	.772	.914	.338	2.691	.551
1.10	.230	.471	.946	.310	2.744	.511

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CATALOGUE OF STELLAR SPECTRA CLASSIFIED IN THE MORGAN-KEENAN SYSTEM

Carlos Jaschek, Horacio Conde and Amelia C. de Sierra

The purpose of this catalogue is to provide bibliographic references to spectral classifications of stars in the Morgan-Keenan system published in the literature prior to January 1963. The catalogues include with fey exceptions only objects contained in the Durchmusterungen: BD, SBD, CD and CPD. Objects belonging to stellar clusters and extragalactic nebulae were excluded from the catalogue if they are not listed in the Durchmusterungen.

The catalogue was started at La Plata for several statistical research programs, and its purpose was to provide the best spectral classification of each object.It was found however that often classifiers disagree - a fact which is not surprising in view of the different dispersions and instruments used. Therefore, it was decided to list all the classifications available for all objects, even if in some instances this means to list a large number of papers in the majority of which the classifications were taken from a single source. This is especially valid for the MK standards - however, since even some of these standards have been reclassified by other observers, it was decided to list everything in order to be consistent.

If one wants to select the best spectral type for an object for which several classifications are listed, one should consider the following points: a) To use lists published by Morgan, Keenan and their immediate collaborators; b) To use lists established primarily for spectral classification purposes, with dispersions similar to the ones used for the Atlas; c) To use the latest published spectral type from a given author.

Description of the Catalogue

1 - Number. The star is either characterized by its HD number, its HDE number or its Durchmusterung number. From +90° to -2°, the numbers correspond to the BD; from there to -23° to the SBD; from there to -57°, to the CD and from there to -90°, to the CPD.

2 - 1900.0 positions are furnished for identification purposes; the accuracy is ± 0^m1 and 1' in α and δ respectively.

3 - Magnitudes are given for identification purposes only, and no accuracy is claimed for them. They were taken from different sources and are usually, but not always, visual magnitudes. For variable stars usually magnitudes at maximum are quoted.

4 - Spectral classifications listed are only those corresponding to the MK system.Therefore, peculiar objects are generally, but not always included. Subdwarfs are listed occasionally; N, R and S stars are mentioned usually and white dwarfs were omitted. Metallic line stars are denoted Am.

5 - Bibliographic references are given at the end of the catalogue, pages 141 to 150. This column contains also notes: "v" variable; "sb" spectroscopic binary; "vb" visual binary and "ts" triple system.

Bibliographic References

The references are ordered by magazines and by issues. For orientation purposes only, three other specifications were included (columns 4, 5 and 6). Column 4 gives the dispersion used, in A/mm, and column 5 lists the instrument used (P = prism spectrograph; G = grating spectrograph; OP = objective prism). An "S" stands for "several dispersions used". Column 6 gives an idea about the number of stars listed in the paper. "a" less than 5 objects; "b" between 5 and 20; "c" between 20 and 100 and "d" more than 100 objects.

Additional tables.

I. Clusters and associations

This table (page 151) provides references to papers on clusters and associations containing spectral classifications of stars not included in the catalogue.The following data are given:

1 - Identification number (NGC, IC or name)
2 - 1900.0 positions.
3 - radius of the object in minutes or arc
4 - number of stars listed, according to the same key (a,b,c and d) as above
5 - magnitude of the faintest star listed
6 - bibliographic references
7 - notes.

II. Extended regions

This table (page 152) provides references to papers on special regions for which spectral classification of objects nos listed in the catalogue are available. The following data are given:

1 - Designation of the region
2 - 1900.0 positions of the center of the region
3 - diameter of the region
4 - area covered (in square degrees) by the region
5 - number of objects (same key as above)
6 - magnitude of the faintest stars listed
7 - bibliographic references
8 - notes

If the authors are allowed to express a recommendation, it is that in the future classifiers should state clearly in each paper the dispersion and the instrument used, and that identifications should be provided either by positions at a standard equinox or by HD or Durchmusterung designation.

The authors are well aware that despite several checks, a number of errors remained undetected. They will be grateful for any indication of existing error and for hints regarding possible improvements.

It is an agreable duty to express our thanks to all colleagues who have contributed in some way to this catalogue, and among them especially to Dr. W.P.Bidelman and Dr. S.W. McCuskey.

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HD or D	1900 α	1900 δ	m	Sp	Bibliography
	0h				
26	00.2	+08°14	8.2	G4V?p	62 (G4p? :63)
				K0IIIp	253
28	00.2	-06 16	4.7	K0III	652 sb
				K1III	53 106 645 705 714
31	00.2	-21 52	8.0	B9Vn	705 710
+63°2105	00.3	+63 15	9.8	A7II	671
55	00.3	-68 23	8.7	K5V	705 713
73	00.5	+42 50	8.6	B1,5IV	531
+60°2668	00.8	+60 19	9.0	B1III	251 257 687
105	00.8	-42 19	7.8	G0V	457 705 714
108	00.9	+63 07	7.4	O6f	532 v
				O8fp	48 76 135 139 141
					251 257 687 729
111	00.9	+27 43	6.9	K5III	659
	01.1	+61 58	10.5	B1,5eIII-V	257
	01.1	+61 29	11.4	A0Ib	671
141	01.1	-29 43	7.8	A0Vn	705 710
142	01.1	-49 38	5.8	G1IV	705 713 714 sb
144	01.2	+63 37	5.5	(B8)III	584
	01.3	+59 45	10.9	B8II:	257
153	01.3	+42 11	8.0	G1V	38
166	01.4	+28 29	6.2	K0V	117 677 726
167	01.4	+28 00	6.8	G9III	117 659
+59°2829	01.6	+60 04	9.8	B0IV:pne	251 257
203	01.7	-23 40	6.1	A7V	645
233	02.0	-16 24	8.2	F5V	38
235	02.0	-31 08	8.1	A1Vn	705 710
	02.1	+61 21	11.5	B7Ib	671
	02.1	+60 46	11.4	B9Iab	671
245	02.2	+86 14	9.2	G2V	253 462
+57°2870	02.2	+57 48	10.6	B8Iab	671
249	02.2	+25 54	7.3	K1IV	471 659
276	02.3	-77 18	7.9	F5IV-V	705 713
+62°1	02.4	+62 31	10.3	B2pe(IV-V)	257
319	02.7	-23 04	5.9	A3V	705 710
+62°4	02.9	+62 48	9.0	F0Ib	671
334	02.9	-08 06	8.2	F5V	38
358	03.2	+28 32	2.2	B8p	126 152 194 sb
				B8III	640 641
				B9p	81 530 758 131
				A0p	22 299 555 733 738
371	03.3	+62 39	6.6	G3II	384 469
				G5II,cG+A:	51
377	03.3	+06 04	8.0	G2V	38
	03.6	+62 52	10.3	A0II	671
	03.7	+62 10	8.0	R	93
417	03.7	+24 54	6.4	K0III	253 469 475
432	03.8	+58 36	2.4	F2III	30 529 530 758
				F2IV	55 65 83 106 112
					126 131 177 287
					288 296 304 665
					677 687 714 725
					726 sb
469	04.0	-54 34	6.3	G4IV	705 713 714 sb
489	04.3	+18 33	7.8	G3V	38
496	04.3	-46 18	3.9	K0III	287 640 641 645
					665 705 714
+61°8	04.4	+62 07	10.5	M1epIb+B	259 765 v
502	04.4	+18 59	7.8	G4IV	471
				G8IV	38
560	04.9	+10 36	5.5	B8V	194
562	04.9	-26 26	7.5	A5Vn	705 710
571	05.1	+45 31	5.1	F2II	42 47 106 112 131
					155 469 665
				F2III	15
593	05.3	+59 06	6.7	B1V	251 257 486 687
611	05.4	+60 15	8.6	G0Ib	51
				G2Ib-II	384
613	05.4	+32 35	7.2	K4III	257 469 475
615	05.4	+14 41	8.2	F6V	38
+62°11	05.8	+62 39	9.5	B5V	558
664	05.8	+29 01	8.8	F5V	659
691	06.2	+29 54	8.7	K0V	659 714
693	06.2	-16 01	5.1	F6V	53 106 287 665 677
					705 714 725
698	06.3	+57 39	7.1	B5II:	257 486 sb
704	06.3	-32°58	8.3	A3V	705 710
720	06.4	-28 21	5.6	K5III	645
725	06.5	+56 43	7.1	F0Ib-F0p	51
				F5Ib-II	384 469
				F6Ia	671
737	06.6	+26 58	8.1	F5V	38
739	06.6	-35 42	5.2	F4V	645
+62°16	06.7	+62 24	9.6	B8V	558
787	07.1	-18 30	5.5	K5III	53 106 714
+59°12	07.4	+59 41	10.9	G0II	671
826	07.6	+71 32	10.0	WC8	538
829	07.6	+37 09	6.6	B2V	130 598
834	07.6	-27 25	7.8	K0V	457 705 714
841	07.7	+62 10	8.0	F2V	256
842	07.7	+55 18	7.9	A9I	671
	07.7	+52 05		K2III	211
861	07.9	+61 29	6.6	Am	181 559 sb
UX Cas	08.0	+62 54	12.0	R2	6 v
				R	93
886	08.1	+14 38	2.8	B2IV	78 94 102 105 114
					126 131 170 172 197
					287 300 306 354 360
					383 424 486 509 531
					584 598 665 699 765
				B2V	439 444 640 641
				B2,5IV	20 350 352 529 530
					728 729 738 758 v
+63°12	08.2	+63 37	9.8	O9Ib	139
+26°14	08.2	+26 30	10.4	K2III	659
923	08.5	-30 08	8.6	Am	705 710
936	08.7	+59 27	7.0	G8II	387 469
236346	08.7	+58 53	8.7	F0I	671
949	08.8	+43 57	8.2	F4V	38
952	08.8	+32 39	6.1	A1V	194
966	08.9	-04 27	7.5	G6III	38
975	09.0	+34 51	8.1	F5V	38
982	09.1	+43 17	8.0	F8V	38
1009	09.4	+64 00	8.0	B8p	181 559
1013	09.4	+19 39	4.8	M2III	65 138 145 178 179
					282 304 370 472 687
					714 758
1014	09.4	-08 21	5.4	M3III	140 v vb
1048	09.7	+21 43	6.0	A0V	194 687
	09.8	+62 55	12.1	(A0Ib)	671
1070	09.9	+59 15	8.2	A4Ib	671
				A5II:	251 257 687
1083	10.0	+26 43	6.1	A_1V	194 sb
1142	10.6	+60 27	6.6	G8III+F	384 sb
				G0II:	51
1153	10.7	-06 09	7.7	K0III	
				+G8IV	313 sb
1167	10.9	+46 27	8.9	S3,9e	98 v
				Se	259
+15°28	11.1	+16 05	9.8	G0V	253
1187	11.1	-32 00	5.7	K5III	457 705 714
1201	11.3	+62 00	8.6	A2Ib	671
1219	11.4	-52 10	8.6	G8Ib	11
1228	11.5	+01 18	7.3	M5III	38
1239	11.6	+60 59	5.8	G8III	15
1273	11.8	-53 13	6.8	G2V	711
	11.9	+63 16	10.0	N	93
1280	11.9	+38 08	4.4	A2V	65 71 81 82 94 126
					152 194 304 472 550
					714 732
1306	12.2	+49 44	7.5	N	5 v
1326_a	12.4	+43 27	8.1	M1V	65 259 295 573 665
					677 725 vb
1326b	12.4	+43 27	11.0	M6V	65 287 295 573 665
					677
	12.5	+61 11	11.3	A0II	671
1337a	12.5	+50 53	5.9	O8	532
				O9III	62 71 76 131 135 139
					141 251 729 sb
				O9V	125
1337b	12.5	+50 53		O9III	765
	12.5	+44 36	13.0	Se	259

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	0h				
1364	12.7	+19 41	7.3	M4II-III	38
1368	12.7	-00 11	8.9	F9V	253 658
1383	12.9	+61 10	7.9	B1II	74 135 141 251 257 486 687 sb
1397	13.0	-66 55	7.4	K0:Ib	11
1404	13.1	+36 14	4.5	A2V	81 194 472 474 714 732 27 sb
1406	13.1	+29 49	8.3	K3III	659
1419	13.2	+10 39	6.2	K0III	117
1431	13.3	-21 42	6.7	A0Vn	705 710
+62°49	13.4	+63 01	8.9	B0,5III	257 486 251
1439	13.4	+30 58	5.8	A1V	194 714
1456	13.6	+64 40	8.9	B8II	671
1457	13.6	+59 46	7.8	F0I	671
1501	14.1	+25 55	7.7	G8III	659
1522	14.3	-09 23	3.8	K2III	53 106 259 640 641 645 705 714
1527	14.4	+40 10	6.4	K1III	117 714
1544	14.6	+61 31	8.0	B0III	74 141 251 257 486 687
1546	14.6	+44 09	8.1	N	6 v
1552	14.7	+42 19	8.2	F2III	38
+61°39	14.8	+61 54	8.5	B0,5IV	74 251 257
1581	14.9	-65 28	4.3	G0V	287 288 296 440 640 665 677 705 725
				G2V	457 641 645 714
1605	15.2	+30 25	7.6	K1IV	117 471
1606	15.2	+30 23	5.8	B6IV	194 v
1613	15.3	+61 19	7.1	M2II:	387
1619	15.3	-25 16	9.0	Am	705 710
1633	15.5	+25 56	8.2	K5III	659
1671	15.9	+37 25	5.2	F5III	45
				F5IV	106 714
+63°33	16.2	+64 03	9.4	B1V	251 257
+60°39	16.2	+61 10	9.5	09V	139 251 257
1736	16.5	-16 45	8.2	F5IV	38
1743	16.6	+61 38	8.4	B0III	74 135 141 251 sb
1760	16.7	-20 37	6.6	M5II	2 v
				M5eII	259 765
				M5-6Se	98
				M6II	441
1778	17.0	+53 03	8.0	F3II	47 469
	17.2	+58 34	9.8	N	6
+5°43	17.2	+06 07	12.0	M1V	211 766 v
1810	17.4	+61 41	8.2	B0IV	74 141 251 486
1879	18.0	-16 30	6.6	M2III	253
+62°68	18.1	+62 49	9.6	B1II	257
1918	18.4	+44 31	7.6	G9III	253
+28°54	18.5	+28 51	9.3	A7-F8III	766 v
	18.6	+63 18	11.9	B8II	671
1967	18.8	+38 01	6.8	S6,6e	98 v
				Se	259
+61°67	18.9	+61 18	8.4	A0Ib	671
1976	18.9	+51 28	5.4	B5IV	105 130 257 598 sb
1994	19.1	+53 44	9.7	R5(C45)	1 308 v
				R6	6
1996	19.1	+25 51	8.7	K1III	659 sb
2025	19.4	-27 36	7.8	K3V	705 713 714 717
2026	19.4	-29 33	8.6	A3p	705 710
	19.5	+59 49	11.1	B8II	671
2037	19.5	-27 28	8.3	A7III	705 710
+63°41	19.6	+64 07	10.5	B0III	257
2070	19.8	-51 36	6.8	G4IV-V	711
2083	20.0	+71 15	6.9	B1V	257
+63°43	20.0	+64 11	10.7	B0,5n(V)	257
+63°44	20.0	+63 15	11.0	B8Ib	671
2084	20.0	+29 33	8.8	G8II	659
+61°74	20.4	+62 00	9.6	09Vnn	139 251 257
2126	20.4	+33 34	8.2	G8IV	15
				K0III-IV	257
2151	20.5	-77 49	2.8	G1IV	196 287 288 296 362 439 440 444 449 459 509 518 640 641 645 665 725 v
				G2IV	457 471 677 705 714
2170	20.7	+58 13	6.8	G5III	387 469
2178	20.7	-22 11	7.3	A1Vn	705 710

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	0h				
+61°77	20.8	+62 13	9.6	B1IV	257
2190	20.8	+28 23	8.1	M0III	659
+62°79	20.9	+62 53	9.2	09,5IV	139 251 257
+61°79	20.9	+61 42	9.9	A1Ib	671
2207	20.9	+50 43	6.9	F3-F5II	765 v
+63°48	21.0	+63 52	9.1	B1(III)nne	251 257
+61°81	21.0	+61 40	10.7	A0Ib	671
+60°51	21.0	+60 52	9.2	A2Ib	251 257
				A2Iab	671
2261	21.3	-42 51	2.4	K0III	287 449 640 641 645 665 705 714 sb
				K3III	299
2262	21.3	-44 14	3.9	A3V	472 640 677 714
				A7Vn	705 713 714
+60°54	21.6	+60 39	12.3	K5III	256
+62°81	21.8	+62 30	11.0	B2III	257
	21.9	+61 07	11.5	B7Iab	671
2315	21.9	+25 02	7.9	K3III	659
2329	22.1	+58 00	7.2	B3V	257 486
+61°87	22.2	+61 42	9.9	A0Ib	671
2342	22.2	+35 02	7.8	N	6 v
2343	22.2	+30 21	8.4	K1III	659 sb
2344	22.2	+02 15	7.7	G4III	38
	22.3	+63 33	10.9	B7(III):	257
				A3Iab	671
236419	22.3	+60 04	9.1	B2III	251 257
2357	22.3	+33 28	8.0	G8IV	15
	22.6	+63 35	11.1	B1V	257
2395	22.6	-20 42	6.7	A7IV	705 710
+55°81	22.7	+55 51	10.1	B1,5V:nn(e)	251 257
2411	22.8	+17 21	5.4	M3III	2 459 714 765 v
	23.2	+62 31	10.5	B0(V)p(e)	257
2451	23.2	+61 57	8.7	B0,5IV	74 135 141 251 257 486 687 sb
2453	23.2	+31 53	6.7	A2p	174 555 sb
+60°57	23.5	+60 22	11.1	A7II	671
	23.7	+60 00	11.1	B9II	671
	23.7	+60 34	10.8	N	93
2506	23.7	+58 55	7.8	G4III	38
2507	23.7	+36 21	6.4	G5III	15
2527	23.9	-25 12	7.2	F0IIIn	705 710
2552	24.1	+28 16	7.8	K3III	659
2589	24.4	+76 28	6.3	K0IV	253 714
236429	24.4	+59 40	9.7	G1Ib	169 642 766 v
236433	24.5	+59 36	8.6	F4II	671
2619	24.7	+64 43	8.3	B0,5III	251 257
2624	24.7	-00 53	7.7	G6III	38 sb
+62°92	24.8	+63 07	10.4	F2I	671
2628	24.8	+29 12	5.3	Am	516 555 714 v
2637	24.9	-04 31	6.0	M0III	645
2641	24.9	-30 47	8.8	A3p	705 710
	25.2	+62 45	11.6	A3Ia	671
2696	25.4	-24 21	5.2	A3V	456 641 705
				A5Vn	645 710 sb
+61°105	25.6	+61 53	9.3	09V	139 251 257
2713	25.6	+27 34	9.3	F2IV	659
2730	25.7	+42 49	8.1	F7V	38
2732	25.7	+29 01	8.6	K1III	659
2767	26.1	+33 02	6.1	K1III	117 sb
2774	26.2	+52 17	5.7	K1III	15 sb
				K2III	253 469 475
2779	26.2	+20 16	7.4	K4III	38
2834	26.6	-49 22	4.8	A0V	456 458 508 641 645 705 sb
2837	26.7	+43 10	9.0	A0(p)	555
2839	26.7	+27 58	8.6	K1III	659
2841	26.7	+19 05	7.3	K5III	38
	26.8	+62 44	11.1	B2V	257
+29°95	26.8	+29 59	10.2	B0	308
2854	26.8	+27 06	8.7	G0V	659
2884	27.0	-63 31	4.5	B8V	456 460 705 714
2885	27.0	-63 31	4.5	A2IV	456 714
				A2V	457 705
	27.1	+62 45	12.0	B8Ia	671
2888	27.1	+42 57	6.4	A0(p)	555 sb
2901	27.2	+53 34	7.1	K2III	62 469 475

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	Oh				
2905	27.3	+62 23	4.2	B0,5I	758 sb
				B1Ia	42 48 50 54 65 71 126 131 135 141 173 177 251 257 306 399 455 483 507 529 530 531 550 598 665 728 729 738
2925	27.4	+22 38	7.0	K0III	253 469 475
2928	27.5	+61 59	8.6	A0Iab	251 257 687
				A2Iab	671
+63°61	27.6	+63 27	9.6	B1Iab	251 257
2942	27.6	+27 44	6.4	K0III +K0V	313 sb
2952	27.7	+54 21	6.1	K0III	117
3059	28.7	-30 07	5.6	K2III	645
3068	28.8	+62 02	8.0	F7V	387
3070	28.8	+02 46	7.8	G4III	38
+21°50	29.0	+21 50	9.6	R2	308
+61°122	29.2	+61 53	10.4	B2pe(V)	257
	29.4	+60 46	8.8	N	93
236469	29.5	+58 46	8.7	F4I	671
3141	29.6	+42 09	7.7	K0IV	38 471
3147	29.7	+67 23	7.5	K2Ib-II	387 399 469
3165	29.8	+36 17	6.8	K4III +G8III-IV	313 vb
3191	30.1	+60 55	8.6	B1IV:nn	251 257 687
3196	30.1	-04 09	5.2	F8V	53 156 285 287 458 653 665 677 705 714 725 726 sb
3240	30.5	+53 38	5.1	B8V	105
3244	30.5	-25 58	8.2	A7III	705 710
+62°117	30.6	+62 53	10.0	A2II	671
3252	30.6	+28 32	8.8	K1III	659
3265	30.7	+37 42	7.4	M0III	38
3266	30.7	+29 28	8.6	G2V + G5V	253 vb
3283	30.8	+59 47	5.8	A3Ib	671
3311	31.0	-19 19	8.8	Am	705 710
3326	31.1	-23 24	6.1	A7p Ap	705 710 714
232227	31.2	+54 05	10.6	A0V	253 658
3333	31.2	+29 18	8.6	K0III	659
+60°73	31.3	+60 49	9.6	B1Ib	251 257
3346	31.3	+43 57	5.4	K5III	53 106 469 475
3359	31.3	-49 41	8.6	K0V	711
3360	31.4	+53 21	3.7	B2IV	300 584 sb ?
				B2V	105 126 130 172 483 486 598 665 699 728 729 732
				B2,5IV	22 529 530 758
ST Phe	31.4	-56 22	13.1	N	765 v
3369	31.5	+33 10	4.4	B5V	50 105 728 729 732 sb
3370	31.5	+26 29	8.2	F3IV	38
3379	31.6	+14 41	5.9	B3V	378 486 495 sb
3397	31.8	+30 57	8.2	F0III	38
3421	32.0	+34 51	5.6	G5III	15
3443	32.2	-25 19	5.6	G5V	457 514 677 705 714
3457	32.4	+02 35	6.6	K4III	253 469 475 714
3460	32.4	-37 51	7.0	G5V	705 713 714 sb
+25°90	32.6	+25 17	9.8	G8III	659
3489	32.8	+59 46	7.1	K3Ib-II	387 399 469
3512	33.0	-01 03	6.9	K2III	253
3546	33.3	+28 46	4.5	G5III+ G8IIIp G8III	62 101 469 535 53 106 253 299 475 714 97
3556	33.4	+05 29	9.4	G0V	253 658
3567	33.5	-08 50	9.8	F5V	253 658
3588	33.7	+65 20	9.0	F1I	671
3590	33.7	+25 47	7.3	K3III	659
	33.8	+60 13	10.8	N	93
3622	33.9	-26 09	8.6	A7V	705 710
	34.0	+60 25	10.0	O9IV	251 257 139
3627	34.0	+30 19	3.5	K3III	53 82 101 106 131 142 145 178 203 259 299 469 475 535 646 665 714 sb

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	Oh				
				K3III-IV	758
3628	34.0	+02 34	7.4	G2V	253 296 714
3637	34.1	+62 41	7.7	F6IV	387
				F8III	15
3650	34.2	+26 12	8.9	G0V	659
3651	34.2	+20 43	6.1	K0V	65 71 101 117 131 156 287 288 296 304 469 475 535 597 653 665 677 714 725 758
+59°96	34.3	+59 24	10.7	A4Ib	671
3681	34.5	+58 54	7.2	K0pIII	387
3690	34.6	+20 54	5.6	K0II-III + F3V	313 714 vb
3712	34.8	+55 59	2.5	K0II-III	53 101 106 131 259 469 475 535 665 687 714 758 765 v
+63°70	34.9	+63 22	9.2	B0Ib	251 257
3726	35.0	+26 08	8.0	F6V	38
3735	35.0	-34 30	6.3	F8V	61 765 v
3736	35.0	-37 58	8.1	A5V	705 710
3737	35.0	-42 13	8.3	F8V	457 705 714
+66°52	35.1	+66 17	11.6	(A0Iab)	671
3765	35.3	+39 40	7.4	K2V	71 131 253 296 469 475 677 714
+62°133	35.3	+62 23	10.9	A0II	671
3766	35.3	+29 28	8.8	F5V	659
3777	35.4	+56 36	8.0	A4II	181
+63°73	35.5	+63 47	10.5	A0Ib	671
3790	35.5	+30 34	8.2	F4V	38
3817	35.7	+38 55	5.4	G8III G5III	53 101 106 469 475 535 27
3823	35.7	-60 01	5.8	G1V	705 713 714
3856	36.1	+65 36	5.9	G9III-IV	117 469
3883	36.3	+24 05	6.0	Am	516 555 714
3901	36.5	+49 58	4.8	B2V	105 126 130 152 172 486 598 665 699 728 729 738 sb
	36.6	+63 30	10.8	B0pe(III)?	257
3919	36.6	-46 38	4.6	G8III	474 640 641 645 705 714
3940	36.9	+63 45	7.4	A1Ia	74 141 251 257 671 687
3950	37.0	+51 48	6.9	B1III	253
	37.1	+64 22	11.3	B0,5IV	257
+61°153	37.1	+61 41	9.3	A0Ib A1Ib	251 257 671
3972	37.2	+03 37	7.6	F8V	15
3980	37.2	-57 03	5.7	A5p Ap F0p	555 v 516 61
3989	37.4	+45 21	7.4	K5III	38 253 469 475
4004	37.5	+64 14	10.2	WR WN6	257 321 538
4006	37.5	+29 34	7.9	G9III-IV K2II-III	117 659
4065	37.9	-39 01	6.1	A0V	705 710
	38.3	+63 55	11.4	B1p(e)(V)	257
+41°119	38.3	+41 44	8.4	F1III F2IV F3IV-V	297 v 373 426 766
4128	38.6	-18 32	2.2	G8III K0III	342 444 449 460 640 53 97 106 156 178 187 203 259 287 288 641 645 653 665 677 705 714 725 v
	38.7	-74 17	11.7	F8-G1Ia	477 v
+63°87	38.8	+63 47	9.9	B0,5IV	257
	38.8	+63 22	10.6	B1pe(IV-V)	257
4142	38.8	+47 19	5.6	B5V	253 379 584 599 665 728 729 732 sb
4150	38.8	-58 01	4.5	A0IV A0V	641 645 640 705
+64°76	38.9	+64 43	9.1	B1Ib	251 257
	39.2	+63 51	10.7	B1IVp?	257
+63°89	39.2	+63 51	9.5	B1Ib	257
4174	39.2	+40 09	7.5	M2e	174

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	0h				
4180	39.2	+47 44	4.7	B2V	50 105 126 130 152 172 483 486 598 665 669 sb?
				B2Ve	728 729 732 738
				B3IV	584
4188	39.2	-11 09	4.9	K0III	53 106 705 714 v
	39.3	+63 25	11.2	B2III	257
	39.3	+63 10	11.0	B1III	257
	39.5	+62 48	10.5	B0,5V	257
4229	39.6	-86 15	6.8	K5III	457 705
4247	39.8	-22 34	5.2	F2V	705 710
+63°92	39.9	+63 51	10.7	B2n(III)	257
4253	39.9	+57 29	8.6	B9II	671
4266	40.0	+56 14	7.6	F2I	671
4268	40.0	+27 25	8.6	K2III	659 sb
4270	40.0	+14 37	8.2	F3IV	38 sb
	40.0	-72 56		B6Ie	477
4277	40.1	+54 26	8.0	F8V	38
4293	40.2	-43 13	5.9	A7III	456 705 460 sb
				A7IV	641 645
				A7V	457
4309	40.4	-74 49	7.6	F8V	457 705
	40.5	+63 50	10.5	B2III	257
4312	40.5	+25 38	7.9	K5II	659
4327	40.6	-21 27	9.0	A5V	705 710
+67°68	40.7	+67 46	10.3	B8II	671
	40.7	+63 55	11.0	B3III	257
4350	40.8	+47 43	8.0	S5,5e	98 v
				Se	259
4362	40.9	+59 02	6.5	G0Ib	48 384 399 469 687 42
				G2I:-G2p	51
				G2Ib	15
4372	41.0	+30 24	7.4	K1III	659
				K1IV	117 471
4378	41.0	-42 27	7.9	K5V + K7V	713 714 vb
4388	41.1	+30 25	7.6	K3III	659
4414	41.3	-26 05	8.2	F0V	705 710
	41.4	+04 39	12.4	G0V	65
4428	41.4	-44 39	8.6	G5V	711
4502	42.0	+23 43	4.3	G8III	342 sb
				K1II	53 97 106 259 469 475 714
				K2III	652
	42.1	-72 31		A3:I:(e)	477 sb?
	42.2	+62 27	11.4	O7	139 257
4526	42.2	+06 12	6.2	G8III	15
4549	42.4	+26 34	7.8	G4III	38
				K2III	659
4550	42.4	+25 44	7.1	G7pV	340
				K0III	659 714
4565	42.5	-02 52	7.3	M1III	38
	42.8	+63 02	12.9	A3Iab	671
4613	43.0	+65 02	8.8	B1II	251 257
	43.0	+63 39	11.2	B3IV	257
4614	43.0	+57 17	3.6	G0V	45 65 71 106 112 145 156 287 288 296 341 469 470 550 653 665 677 687 725 726 758 sb
				G0V + K5	96 285 290
				G0V +dM0	295 470 714
4622	43.0	-22 16	5.4	B9V	641 645
4623	43.0	-29 54	7.6	F0III	705 710
4627	43.1	+06 45	6.1	G8III	15
4628	43.1	+04 46	5.7	K2V	15 469 677 758
				K4V	178
	43.4	+63 19	10.7	B2V:pe	257
4647	43.4	+56 32	7.2	M2III	38
4656	43.5	+07 02	4.6	K5III	15 53 106 469 472 475 714
4676	43.7	+16 24	5.2	F8V	53 106 714 sb
	43.8	+60 27	9.9	B2:V:pnne	251 257
4686	43.8	+28 11	7.3	G8III	659
				G9III	117
4694	43.9	+64 05	8.4	B3Ia	74 251 257 687
4717	44.2	+62 37	8.8	A0Ib	74 141 251
				A2Iab	671
4725	44.2	-73 25	10.9	F2:V:	477
4727	44.3	+40 32	4.4	B5V	65 71 94 102 105 126 131 177 289 304 550 598 728 729 732 sb
+60°114	44.3	+60 22	9.9	B2III:pe	251 257
4738	44.3	-49 08	8.2	F0V	705 710
	44.4	+62 45	11.0	C	93
4744	44.4	+29 54	7.6	G8IV	253 471
				K0III	659
+61°175	44.5	+61 50	9.6	B3II	251 257 486
4757/8	44.5	+27 10	6.3	A9 + F2III	108 vb
OS Cas	44.6	+59 40	13.7	S	682 v
4768	44.6	+59 07	8.0	B5Ib	141 251 257 486 687
				B6Ia	671
4772	44.6	-23 55	6.2	A3V	705 710
4775/6	44.7	+63 42	5.4	G0III + A4V	177 sb
4778	44.7	+44 27	6.1	A0p	174 555
4798	44.9	+27 50	7.8	K1III	659
4813	45.1	-11 11	5.2	F8V	45 106 458 645 677 714 (F8IV 27)
4815	45.1	-75 28	5.0	M1III	645
4817	45.2	+61 16	6.4	K3Ia	15 469
				K3II	560
+60°116	45.3	+60 45	10.8	A6Iab	671
4831	45.3	+25 02	7.4	G8III	117 659
4841	45.4	+63 14	7.1	B5Ia	74 141 251 257 671 687
4854	45.5	+60 35	9.2	B9V	560
4862	45.5	-73 55	11.2	B3I	477
4895	45.9	+33 50	9.3	S7,2e:	98 v
				Se	259
	46.0	+64 37	10.8	F4II	671
	46.2	+64 00	11.3	B2V	257
4928	46.2	+02 50	6.5	K0III	15
+63°102	46.3	+64 08	10.0	B1II	251 257
4931	46.3	+59 33	8.8	B8V	560
				A0Ib	671
4963	46.5	+27 13	8.4	K1III	659
4976	46.6	-73 41	11.0	B6I(e?)	477
4978	46.7	+61 12	9.4	B9V	560
	47.0	+59 39	10.4	N	93
5005	47.0	+56 05	7.8	O6	76 115 139 595 729 758
				O6 + O9	251 sb
5007	47.0	+25 14	7.7	K1III	659
	47.0	-73 18		G0:I	477 v
5015	47.1	+60 34	4.9	F8IV	45 101 287 535 665 687
				F8IV-V	106
				F8V	112 677 714
				G0IV	15
5024	47.1	-31 30	8.6	F2V	705 710
5030	47.1	-74 02	11.4	A0Ia:	477
5031	47.2	+61 06	8.9	A0V	560
5045	47.2	-74 01	11.5	B3Ia:	477
5061	47.3	-36 18	8.7	A0Vn	705 710
5066	47.4	+38 01	6.5	A1V	194 sb
	47.5	+60 16		B2:IVnn	251
5071	47.5	+60 08	7.8	A0V	560
5072	47.5	+38 29	8.0	F7IV	38
+63°108	47.6	+64 13	10.7	B3III?	257
	47.6	+62 49	8.3	R	93
5092	47.7	+29 48	7.7	K3III	659
5112	47.9	-01 41	4.8	M0III	645
5132	48.1	-18 11	7.6	F0IV	705 710
5133	48.1	-30 54	7.2	K3V	457 458 677 705 714 sb
5137	48.2	+28 58	6.7	K0III	659
5149	48.3	+59 48	8.5	A4II	560
				A5II	671
5164	48.4	+28 02	7.9	K1III	659
+60°129	48.5	+60 59	9.3	F4V	560
5173	48.5	-39 16	8.7	F0IV	705 710
+63°110	48.6	+63 32	9.1	A5Ia	336 sb
				A5eIa	259
				A7Iab	671

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	0h				
				F0Ia	125
				F0eIa	765
				e	39
5205	48.7	-39 37	8.3	F0V	705 710
	48.8	+62 57	11.2	B2V	257
5211	48.8	+59 33	8.7	F4III	560
5221	48.9	+63 50	8.6	A0p	181 559
5223	48.9	+23 32	8.8	R2	308
				R3($C2p_2$)	1 6
+64°93	49.0	+64 42	10.2	B2III	257
5233	49.0	+61 08	8.6	B3V	560
+60°133	49.0	+60 44	9.5	B8V	560
				B9II	671
5234	49.0	+58 26	5.0	K2III	53 101 106 469 475 535 687 714
5235	49.0	+58 01	7.8	Ce	259 v
5267	49.3	+18 38	5.8	A1V	194 sb
5277	49.4	-73 40	11.3	A0Ia:	477
5291	49.6	-73 11	11.2	B6Ia	477
	49.8	+63 27	11.1	B2IV	257
+59°159	49.8	+59 14	10.6	A3Ib	256
X Cas	49.8	+58 46	8.4	Ne	6 v
5308	49.8	+22 53	8.2	F5V	38
5342	50.2	+60 43	8.0	B8II	560
5343	50.2	+57 26	6.4	K3III	387 714
5351	50.3	+68 31	9.3	K4V	253 296
236578	50.4	+59 28	9.5	B8V	560
5362	50.4	-00 31	7.6	K4III	38
5382	50.6	+26 40	5.9	A3V	194
5392	50.7	+64 00	7.2	F4I	671
5394	50.7	+60 11	2.2	B0IV:e	130 251 598 687 v
				B0IV	529 665 758
				B0IVp	95 126
				B0IVpe	131 197 729
				B0,5IVpe	143 sb
5395	50.7	+58 38	4.8	G8III-IV	53 101 106 299 469 475 535 687 714
+12°111	50.7	+12 34	9.1	G8IV	560
5409	50.8	+59 30	8.1	B9V	560
5410	50.8	+59 11	8.8	F2V	560
5411	50.8	+28 39	8.9	K1III	659
5437	51.0	-11 49	5.5	K4III	53 705 714
	51.1	+62 44	11.7	B1V	257
5448	51.2	+37 57	3.9	A4III	194
				A5V	81 299 472 714
5449	51.2	+28 15	8.6	G9III	117
				K0III	659
5453	51.2	-08 07	8.2	F6IV	38
5457	51.2	-70 04	5.3	G7III	645
5458	51.3	+62 01	8.6	B5p	48
5459	51.3	+60 53	6.6	G8IV	560
5462	51.3	+25 48	8.2	M III	659
+64°106	51.4	+64 20	10.3	B1V	257
	51.5	+61 22	10.6	B1pe	257
5487	51.5	-19 59	7.9	A3V	705 710
5494	51.6	+34 20	8.2	F7V	38
5497	51.6	-36 10	9.0	A5V	705 710
5501	51.7	+59 42	8.7	A0Ib	671
				A3II	560
5513	51.9	+59 34	9.5	A2V	560
5516	51.9	+22 52	4.6	G8III-IV	53 106 469 475 714
				G5III	27
5524	51.9	-25 54	7.2	A5V	705 710
236589	52.1	+55 54	9.3	B1II	251 257 486
5544	52.1	-00 12	7.7	K0III(p)	158
5551	52.2	+63 11	7.7	B1,5Ib	74 135 141 251 257
5552	52.2	+61 24	9.1	B1Ia	251 257
5584	52.5	+29 47	8.6	G0IV	659
5585	52.5	+28 59	8.6	K3III	659
5595	52.6	+61 35	9.7	B8V	560
5612	52.7	+13 09	6.4	G5III	714 27
5617	52.7	-19 32	7.1	A2Vn	705 710
5618	52.7	-40 05	8.7	A5V	705 710
	52.8	+63 16	10.0	N	93
5641	53.0	+20 52	6.4	A2V	194
5649	53.1	+61 24	8.4	G0V	560
5650	53.1	+26 15	7.5	K5III	38 659
	53.2	+62 30	10.5	B2III	257
236592	53.2	+59 11	8.6	K0III	560
	53.3	+60 10	10.4	N	93
5679	53.4	+81 20	6.6	G2III	7 sb
				G8III	125
				B8 + G8III	765
	53.4	+64 08	11.0	B2III	257
5689	53.5	+63 05	9.1	O6	139 251 257 687
				O7	74
	53.6	+64 07	11.0	B1V	257
5702	53.6	+61 43	8.9	F7V	560
5705	53.6	+27 08	7.2	K3III	659
	53.7	+63 17	11.7	B1V	257
5737	53.8	-29 54	4.4	B4p	424
				B4Vp	645
				B8III	456 640 641 646 705
5738	53.8	-49 07	8.8	A1V	705 710
5747	54.0	+59 59	7.2	G8II	560
				G8III	15
5776	54.3	+62 30	8.4	A0Ib	251 257
				A2Iab	671
5777	54.3	+60 16	9.7	A5III	560
5780	54.3	+00 15	7.8	K4III	253
				K5II-III	62
5787	54.4	+59 11	8.6	A3III	560
5797	54.5	+59 55	8.8	A0p	26
				Am	560
5816	54.6	-36 02	9.0	F0V	705 710
	54.9	+63 23	11.1	B9(III):	257
+62°183	54.9	+62 54	9.0	B1V:p	251 257 687
5848	55.0	+85 43	4.5	K2III	101 131 535
				K2II-III	53 714
	55.0	+63 25	10.9	B1V	257
5851	55.0	+59 49	8.0	F5II	51 vb
				F5IV	384
				F7V	560
5868	55.0	-26 24	8.1	G0V	705 713 sb
	55.1	+63 24	11.2	B2V	257
5873	55.1	+16 42	8.0	K2III	100
5890	55.3	+60 31	8.9	F2V	15
				F5V	560
5892	55.3	+06 49	8.2	F5V	38
5916	55.6	+44 55	6.8	G8III-IV	253 462 469 475
5917	55.6	+28 29	9.0	G8III	659
5918	55.6	+16 09	9.1	F0III	100
5966	56.0	+59 00	7.9	F0III	560
5980	56.0	-72 42		Wp	477
	56.2	+62 27	9.9	B1V	257
	56.3	+61 48	9.6	K5V	687 sb
6017	56.4	+61 03	8.6	F5III	560
6027	56.5	+58 45	7.7	K2V	560
	56.6	+63 28	11.0	B3III	257
HO Cas	56.6	+61 20	8.0	R	93 v
6048	56.7	+59 36	9.2	B8II	560
6064	56.8	+02 00	8.0	F6V	38
6073	56.9	+61 15	8.4	G5II	560
	56.9	+60 36	9.4	F6V	560
236605	57.0	+57 43	9.0	B9p	26 555
+59°172	57.1	+59 40	9.3	F8V	560
6098	57.2	+58 34	8.0	K0III	560
6111	57.3	+61 25	9.2	F8V	560
6118	57.3	+31 16	5.5	B9V	194 sb
6132	57.4	+29 27	8.0	K2III	659
6139	57.4	-32 10	8.7	G0IV	705 713
	57.5	+61 46	9.6	A0II	560
	57.5	-72 44		K5Ia:e	477
	57.6	+63 13	10.0	B1IV	257
6178	57.7	-32 06	5.5	A2V	456 641 645 705 710
6182	57.8	+61 18	8.6	B0,5Ib	560
				B1Ibp	135 141 251 257 486 687
6186	57.8	+07 21	4.4	K0III	53 101 106 178 287 299 469 475 535 665 714 725
6192	57.8	-57 33	6.0	G8III	645

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	0h				
6193	57.8	-72 05	9.5	F0:V:	477
6203	58.0	-05 22	5.7	K0III-IV	253 714
6209	58.1	+61 53	8.7	B8II	560
236612	58.2	+59 48	9.2	B2IV	560
	58.4	+60 50	9.5	N:	93
6254	58.4	-26 43	7.8	G8IV	705 713
6262	58.5	+38 09	7.3	M3III	38
6269	58.5	-30 04	6.3	G5IV	457 471 705 714
6274	58.6	+26 03	8.9	F7V	659
6286	58.7	+26 04	8.8	G2V	659 sb
6300	58.9	+50 29	6.5	B3V	130 598 665
6302	58.9	+14 42	8.6	G8V	100
6313	59.0	+58 47	8.9	A0V	560
6322	59.1	-19 06	8.8	A0p	705 710
6327	59.2	+59 53	11.6	WR	48 671
				WC7	321 414
6334	59.2	-60 38	6.8	F5V	457
				F5V + F5V	705
6382	59.7	+60 15	8.2	A3V	560
6384	59.7	+15 43	8.0	M2III	100
6402	59.8	-31 02	8.0	F8IV-V	705 713
6406	59.8	-72 38	9.6	F5V:	477
+63°137	59.9	+63 25	8.3	K7V	253 296 677 687
6408	59.9	+59 47	9.2	A2V	560
6410	59.9	+14 49	9.4	F5III	100
	1h				
+61°207	00.0	+61 52	9.4	A7V	560
6424	00.0	+10 48	8.1	F5V	38
6434	00.1	-40 00	7.8	G3IV	705 713
6440	00.2	+14 38	9.1	K2V	100
	00.3	+59 09	12.4	B9Iab	671
6451	00.3	-20 23	8.5	A7V	705 710
6456	00.3	+20 56	5.6	B9,5IV	194 714 vb
6457	00.3	+20 56	5.8	B9V	194 714 vb
6463	00.5	+14 27	9.2	K2III	100
6474	00.7	+63 15	8.4	G0I	51
				G0Ia	384 399 469
				G0Iab	47
6475	00.7	+59 20	6.8	A2V	560 sb
236625	00.7	+58 45	9.1	A9III	560
6478	00.7	+14 51	7.3	F2V	100
6479/80	00.7	+04 23	6.8	F4V + F6V	113 vb
6482	00.7	-10 31	6.4	K0III	458 714 27
6497	00.9	+56 24	6.6	K2III+	62
				K2III	253 469 475 714
6515	01.0	-22 05	8.5	F0V	705 710
6525	01.1	+29 10	8.1	K1III	659
6527	01.1	+15 47	8.3	F0V	100
6529	01.1	-00 47	8.2	F4IV	38
6532	01.1	-27 16	8.1	A5p	705 710
236630	01.2	+59 23	9.0	A9III	560
6556	01.3	+15 50	9.4	F2III	100
6560	01.3	-32 24	8.3	K3III	705 713
6566	01.4	+13 22	7.3	F2V	100
6581	01.6	+61 48	8.9	B8III	560
6582	01.6	+54 26	5.3	G0IV	462 463 677
				G5IV	253 296 469
				G5V	62 340 341 475 758
				G5Vp	53 65 71 101 106 156 287 535 653 665 714 725 726
				G8Vp	288
6590	01.6	+15 12	10.1	A3p	100
6594	01.6	-35 20	7.8	G3V	705 713 714
6595	01.6	-47 15	3.4	G8III	287 640 705 714 v
6619	01.8	-36 12	6.6	Am	555
6623	01.8	-72 16	7.4	K3III	457 705
236632	01.9	+58 50	8.3	K0IV	560
+62°207	02.0	+63 03	10.9	M3I	211 766 v
6633	02.0	+61 44	9.4	B9III	560
6634	02.0	+59 37	8.0	K0III	560
6645	02.1	+46 19	7.5	K0II_III	38
				K2p + F8V	313 sb
6664	02.3	+38 44	8.0	G0Ia	51
				G1V	38

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	1h				
6668	02.3	-24 32	6.3	A7V	705 710
6675	02.4	+69 10	7.9	B0,5III	135 141 251 257
				B0,5Ib	42 48
6680	02.4	+31 29	6.2	F5IV	253 714
6695	02.6	+20 12	5.6	A3V	194
6697	02.6	+15 20	8.1	G5III	100
+60°169	02.7	+60 56	10.0	B1V	257 766 v sb
+62°212	02.8	+63 09	9.6	B0,5V	257
	02.8	+62 18	10.4	B0III	257
6723	02.8	-29 14	8.1	F0III	705 710
6724	02.8	-29 49	8.5	F0V	705 710
236633	02.9	+60 06	9.2	B0,5III	257 687
6734	02.9	+01 28	6.7	K0IV	253 714
6755	03.2	+61 01	7.8	F8V	62 560
				F9V	253 296 687 714
				G2IV	15
6763	03.2	+05 07	5.5	F0V	714 27
				F2V	253
6767	03.2	-42 01	5.1	A3V	456 641 645 705
6793	03.4	-62 19	5.3	G5III	645
6805	03.6	-10 43	3.6	K2III	53 106 203 259 299 640 645 705 714
				K3III	641
6811	03.7	+46 42	4.3	(B8)III	584 vb
				B7V	81
6832	03.9	+61 17	8.4	B9III	560
6833	03.9	+54 13	7.1	G8III	62
				K1III	253 462 469 475
6855	04.0	-34 51	9.0	F0V	705 710
6860	04.1	+35 05	2.2	M0III	8 131 138 145 178 203 259 282 299 370 472 550 640 641 665 714 758 v
6870	04.1	-62 24	7.3	A5III	705 713 714
6876	04.2	+34 05	8.1	F5IV	38
RZ Psc	04.2	+27 26	11.8	G8V	682 765 sb
				K0IV	211 766
6882	04.2	-55 47	4.1	B6V	456 v
				B8V	439 640 705
6884	04.2	-73 00	10.8	B8Ie	477
				B9Iap	161
236639	04.5	+59 02	9.1	F5V	560
+60°176	04.6	+60 52	9.0	A0V	560
6920	04.6	+41 33	5.7	F8V	131 665 714
6961	05.0	+54 37	4.5	A7V	65 71 94 112 126 v 152 304 472 508 714
HV Cas	05.0	+53 11	10.5	Ne	6 v
				Ce	259
6966	05.0	+15 09	6.4	M0III	100
+61°220	05.1	+62 12	9.7	B6Ia	671
				B7Ib	257
6996	05.2	-57 08	7.1	F5IV	457 705 714
7010	05.4	+59 58	7.9	K0IV	15 560
+59°201	05.6	+59 21	11.1	A2II	671
7019	05.6	+37 12	5.8	B7III	194
+60°179	05.7	+60 40	9.0	F0V	560
+60°180	05.8	+60 47	9.3	B0::pe	251 257
7087	06.1	+20 30	4.9	G8III	101 535
				K0III	53 106 469 475 714
7099	06.1	-73 04	11.5	B2,5I	477
7103	06.2	+61 21	8.6	B3Ib	141 251 257 486 687
				B3II	560
7104	06.2	+61 14	9.0	B8V	560
7106	06.2	+29 34	4.7	K0III-IV	53 101 106 199 469 475 535 714 sb
236655	06.3	+59 47	9.1	B8Ib	560
				A0Ib	671
236656	06.5	+56 53	9.6	F4I	671
7147	06.6	-02 47	6.2	K4III	253 714
	06.9	+59 19	10.4	N	93
7189	07.1	+46 39	7.7	G6III	38
	07.2	+62 26	7.5	R	93
7222	07.4	-73 17	11.2	A1V(?III)	477
236664	07.5	+58 33	10.0	B0,5V	251 257
7229	07.5	+29 33	6.1	G8III	117
				G9III +G1V	313 sb

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	1h				
7252	07.7	+60 21	7.1	B1V	251 257 486 560 598 687 sb
236667	07.7	+58 31	9.1	B8V	560
+60°191	08.1	+60 48	9.9	B2IV	257
+84°19	08.1	+84 36	8.3	M0III	2 v
7299	08.1	+29 12	6.8	G8III-IV	659
7300	08.1	+25 55	7.9	K2III	659
7308	08.2	+25 42	7.9	K5III	659 sb
7312	08.2	-38 23	5.9	A7III	456 460 641 645 705 sb
7318	08.3	+24 03	4.6	K0II-III	313
				K0III	53 101 106 469 475 535 sb
7323	08.3	-36 17	7.5	A2Vn	705 710
7331	08.4	+60 24	7.5	F7IV	560
7332	08.4	+59 28	8.8	F0V	560
7351	08.6	+28 01	6.6	M2S	98 sb
+25°196	08.6	+25 45	11.1	K2III	659
7352	08.6	+25 17	8.7	G0V	659
7361	08.7	+59 13	8.0	F0III	560
7370	08.8	+60 20	8.7	B8II	560
				B9p	26 555
7374	08.8	+15 36	5.8	B8III	194 714
	08.9	+59 35	10.7	F9I	671
	08.9	+57 45	11.8	A1Ia	671
7402	09.0	-31 39	7.6	K0III-IV	705 713 sb
7416	09.2	+59 59	8.0	G8III	560
7426	09.3	+25 54	8.7	G9III	117 v
				K0III	659
7432	09.4	+58 46	7.9	A2V	560
7458	09.6	+61 22	7.4	F0V	560
236678	09.8	+60 06	9.1	K0II	560
+55°274	10.0	+55 48	9.5	B5-8+K0III	369 765 v sb
	10.1	+66 57	11.5	A0Ib	671
+58°204	10.1	+58 14	9.9	F2I	671
7561	10.6	+25 14	7.4	N	6 765 v
				N0	1 535
7570	10.6	-46 04	4.9	F8V	458 640 645 677 705 714 717
7578	10.7	+32 36	6.3	K1III	117
7583	10.7	-73 52	10.1	A0Ia-0	477
				A0Ia	161
7586	10.8	+59 44	9.0	A0V	560
+60°199	11.1	+60 44	10.7	A5Ib	671
7629	11.1	-24 30	7.1	F0III	705 710
7676	11.5	-34 41	7.9	A5p	705 710
+63°167	11.6	+63 47	10.4	B2III	257
7694	11.7	+54 54	7.4	B1V	251
7720	11.9	+61 22	9.2	B5II	257 486 687
				B5III	560
				A4Ia	671
7732	12.0	+77 02	6.4	G5III+	62
	12.2	+62 22	9.2	R	93
7769	12.3	+72 05	8.4	S4,6e	98 v
				Se	259
236689	12.3	+57 51	9.5	B1,5(V)pe	251 257
7788	12.4	-69 24	5.0	F6V	287 440 640 665 705 714
+57°243	12.5	+57 41	9.5	B0:IV:e	251 257
7804	12.6	+03 05	5.2	A3V	287 714 sb
7829	12.9	+61 10	8.7	F3V	560
+57°252	13.2	+57 44	9.5	B1IV	251 257
7898	13.5	-34 40	7.6	A7p	705 710
7902	13.6	+57 40	7.9	B6Ib	141 251 257 486 598
7908	13.6	-23 32	7.3	A7III	705 710
7909	13.6	-33 40	7.7	K0IV	705 713 714
7927	13.8	+57 32	5.2	A5Ia	758
				F0Ia	42 47 48 65 112 126 205 251 384 392 399 469 642 687
				F2Ia	665 671
				F5Ia+F2Ia	51 sb
7964	14.0	+26 44	4.7	A2V	71 81 sb
				A3V	194
	14.1	+61 58	10.2	B0V:	257
7983	14.1	-09 27	9.0	G2V	253 296

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	1h				
+60°203	14.3	+61 03	9.2	B9V	560
	14.4	+62 01	10.8	B1V	257
+61°251	14.4	+61 33	10.4	A4II	671
+61°252	14.5	+61 27	10.2	A1Ia	671
8033	14.6	-23 38	8.9	F0V	705 710
8036	14.7	-01 02	6.0	G8III: + A7V	391 sb
	15.3	+63 45	12.0	A0Ib	671
	15.5	+64 04	11.1	BI:II:	257
8130	15.6	-36 46	7.4	A1V	705 710
8144	15.7	-29 33	7.4	K0III-IV	705 713
8145	15.7	-30 07	7.6	F2V	705 710
8159	15.9	+57 46	8.5	A1Iab	671
	16.3	+60 59	10.8	Bpe	257
8207	16.4	+45 00	5.0	K0III-IV	53 101 106 299 469 475 535 714
8224	16.5	-57 52	7.0	F7V	457 705 714
8262	16.8	+18 10	8.0	G3V	38 253 296
+64°156	16.9	+65 06	9.5	B0,5III	251 257
8300	17.2	+26 03	8,2	K1III	659
+63°180	17.6	+63 26	10.0	B8Iab	671
				A0:Ia	257
+62°245	17.7	+62 18	10.2	B1:pe(V)	257
	17.8	+62 27	10.8	B1:V:	257
8374	17.9	+37 12	5.5	Am	555 629 194 sb
8375	17.9	+33 43	6.2	G8IV	117 469 471
+62°246	18.0	+62 16	8.7	B5Ia	251 257 687
8391	18.0	-44 07	7.0	F0IV	457 705 714
+60°230	18.3	+60 28	10.1	A1Ib	671
+61°260	18.4	+61 14	10.7	A2Ib	671
8441	18.5	+42 37	6.6	A2p	174 555 sb?
8447	18.5	-18 28	7.2	M3III	38
+60°232	18.6	+60 17	10.0	B2III	257
8487	18.8	-24 52	6.7	A7Vn	705 710
8491	18.9	+67 36	5.0	K0III	53 106 469 475 535 714
8492	18.9	+63 04	9.0	F4V	554
8498	18.9	-31 28	5.8	K5III	645
8507	19.0	+46 39	7.8	G5II	38
8512	19.0	-08 42	3.8	K0III	9 203 645 646 705 714 106 53
8538	19.3	+59 43	2.7	A4,5V	665
				A5V	30 65 71 94 112 126 131 177 299 458 472 483 508 529 530 687 714 758 765 v sb
+62°249	19.5	+62 31	10.0	O9,5V	139 257
8560	19.6	+67 25	9.7	A1Ib	671
8570	19.6	+61 35	9.2	F5I	671
8583	19.7	+46 36	7.7	G4III	38
8586	19.7	+22 25	8.1	F5V	38
8603	19.8	-25 51	8.1	A5IV	705 710
8620	20.0	+62 12	8.4	F0V	554
8626	20.0	+15 44	7.4	K5III	38
236740	20.1	+59 46	7.9	B3Ia	251 257 486
8638	20.1	-28 21	8.3	G3V	457 677 705
8701	20.7	+65 33	7.4	K2pII:	387 469
8705	20.7	-15 07	5.2	K3III	53 106 705 714
8716	20.8	-26 58	8.2	A7V	705 710
8717	20.8	-29 18	8.1	A5p	705 710
8723	20.9	+18 39	5.3	F2V:	71 v
8736	21.1	+62 14	8.5	B9V	554
8747	21.2	+26 43	6.6	K0III	117 659
8768	21.4	+62 45	8.0	O9,5IV	139 251 257 687
8769	21.4	+60 48	9.2	B9V	554
+58°241	21.4	+58 43	10.0	B1V	257
	21.4	+26 59	10.5	K3III	659
8791	21.6	+24 56	7.7	K3II	659
8799	21.7	+44 53	5.0	F4IV	106 112 299 714
				F5III	45 469
8810	21.7	-64 53	5.8	M0III	645
8829	21.9	-13 34	5.7	F1V	645 v
	22.0	+61 45	9.2	R	93
8837	22.0	+39 49	6.4	B9III	194
8852	22.2	+43 22	8.0	A1p	555
236750	22.3	+59 38	9.1	G8III	256

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	1h				
8865	22.3	-00 28	8.3	F3V	38
8879	22.4	-33 04	6.2	Np	6 765 v
8884	22.5	+42 16	7.7	G7III	38
8890	22.6	+88 46	2.1	F7-F8Ib-II	207 v sb
				F8Ib	15 131 765
8906	22.7	+59 31	7.2	FOI:,F2II:	51
				F2II	256
				F3Ib	384 399 469
				F4I	671
236754	22.9	+59 16	9.1	GOV	256
RZ Per	23.0	+50 21	9.5	S4,9e	98 v
+61°271	23.1	+61 54	9.4	AOV	554
8949	23.1	+07 27	6.2	K1III	117 313 714 v
8956	23.2	+07 26	8.7	F8IV-V	313
+62°258	23.3	+63 04	9.9	B1IV	257
8965	23.3	+59 44	7.3	B0,5V	251 257 486 687
+58°248	23.3	+59 04	9.5	F5V	256
8977	23.3	-46 40	8.0	A2V	705 710
8983	23.4	-18 34	8.7	A5V	705 710
8991	23.5	+63 21	8.0	AOV	554
8992	23.5	+58 15	7.6	F5I:	51
				F6Ib	384 399
RZ Per	23.6	+50 20	8.6	S4,9e	765 v
				Se	259
9022	23.8	+59 16	7.2	K3III	256
9026	23.8	-32 01	7.9	F2V	705 710
+61°277	23.9	+62 13	9.6	BOIV:nn	251 257
+60°249	23.9	+60 15	9.5	K2III	256
+58°255	24.0	+59 09	9.5	GOV	256
9053	24.0	-43 50	3.4	K5Ib	614 640 641 645 705
				K5II	611 sb
9056	24.1	+61 24	8.2	B3Ia	554 665 sb
9057	24.1	+46 30	5.3	G9III	101 535
				KOIII	53 106 469 475
9063	24.1	-25 19	7.1	A7V	705 710
9065	24.1	-34 17	6.6	FOIV	705 710
+60°251	24.4	+60 27	9.5	F5V	256
236762	24.5	+59 13	9.6	B1,5III	251 257
9100	24.5	+17 51	6.0	A4III	194 714
9105	24.6	+62 51	7.5	B3Ia	554 665 sb
				B5Iab	141 173 251 257 687
+58°253	24.8	+58 58	9.5	GOV	256
9132	24.8	-22 08	5.1	A1V	641 645
9136	24.9	+61 02	7.6	A1V	554 665
+58°254	24.9	+58 56	9.5	G2V	256
9138	24.9	+05 38	5.1	K4III	53 101 106 253 287 469 475 535 714
9145	25.0	+60 32	8.0	B7III	554 665
9146	25.0	+60 23	8.3	K3II	554 665
				K3III	256
236767	25.0	+59 27	9.0	K3III	256
9154	25.1	+60 51	7.7	G8III	256
9166	25.2	+67 53	7.0	K3III	253 459 469 471 475 509 714
9167	25.2	+61 00	7.9	A7Iab	671
				F1II	554 665
				F2IV	256
236768	25.2	+58 52	9.5	B1:V:nnp	251 257
9200	25.5	+63 05	7.7	A1V	554 665
	25.5	+63 02	11.6	AOIb	671
9224	25.7	+28 54	7.3	GOV	659
+59°268	25.7	+59 57	9.5	KOIII	256
9233	25.8	+58 39	8.0	A4Iab	671
9250	25.9	+63 04	7.3	F8II	554 665 sb
				GOI:,GOI	51
				GOIb	384 399 469
+61°285	25.9	+61 27	9.4	B0,5III	257 687
+60°260	25.9	+60 57	9.5	F5III	256
+60°261	25.9	+60 37	8.6	O7	139 251 257 598 687
9256	26.0	+61 22	8.8	B7V	554
9269	26.1	+30 06	8.4	KOIII	659 v
9270	26.1	+14 50	3.7	G5II	640 v
				G8III	65 71 78 94 101 106 131 145 177 178 185 203 304 469 475 535 641 687 714

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	1h				
+60°263	26.2	+60 19	9.5	K3III	256
+61°287	26.3	+61 16	9.4	K2III	256
9298	26.4	+34 18	6.3	B6V	194
+60°264	26.6	+61 12	9.3	G8III	256
9311	26.6	+60 10	7.3	B5Ib	141 251 482 486 642 665
				B9Ia	671
+59°273	26.7	+60 07	9.1	B2III	251 257
9329	26.8	+62 01	7.2	KOIII	554
9336	26.8	-19 32	7.1	A7III	705 710
+60°265	26.9	+61 03	8.7	K3pIII	256
+59°272	26.9	+59 26	9.4	G5III	256
236783	27.0	+59 55	9.3	F8V	256
9362	27.0	-49 35	4.0	KOIII-IV	645 705 713 714
WW Cas	27.1	+57 14	9.1	N	6 v
9366	27.1	+54 26	7.2	K3Ib	399
9379	27.1	-60 10	7.8	GOV	457 705
9383	27.2	+61 38	7.6	A2V	554
+60°266	27.3	+60 29	9.5	F2III	256
9393	27.3	+43 23	8.5	AOp	555
9407	27.4	+68 26	6.5	G6V	253 714
9408	27.4	+58 43	4.9	G8III	101 469 535 687
				KOIII	53 106 256 475 687
9411	27.4	-24 09	7.2	FOV	705 710
+60°267	27.6	+60 40	9.5	A3Ib	256
+58°262	27.7	+58 32	9.5	G8III	256
9446	27.7	+28 45	8.9	G5V	659
9451	27.7	-27 03	8.1	A7IV	705 710
9468	27.8	-60 06	8.0	F5V	457 705
+62°271	27.9	+63 07	8.7	B8V	554
9487	28.0	-22 55	8.2	FOp	705 710
9492	28.1	+43 34	8.1	A1(p)	555
+60°268	28.2	+60 36	9.5	G8III	256
9500	28.2	+35 06	7.3	M4III	38
236789	28.3	+59 52	8.9	Am	559
236791	28.3	+58 54	8.8	M3III	256
9518	28.4	+60 16	8.7	F8V	256
+60°271	28.5	+60 16	9.1	F8V	256
9531	28.5	+36 44	5.8	B8V	194
9546	28.6	+62 34	6.8	K1V	554
+61°295	28.6	+61 21	9.5	F5III	256
9583	28.9	+60 58	8.6	KOIII	256
+60°274	28.9	+60 46	10.7	B3III	257
+62°275	29.1	+63 08	9.8	B3?III	257
+59°283	29.4	+59 49	9.5	KOIII	256
9634	29.4	+59 42	8.5	K5III	256
9638	29.4	+28 36	8.3	K2II	659
+60°279	29.7	+60 28	9.1	B2II	251 257 687
9666	29.7	+58 57	7.3	F5III	256
9670	29.7	+00 27	6.9	F8V	253
9673	29.7	-27 52	7.6	A5V	705 710
9682	29.8	+60 15	8.9	B9V	554
9695	29.9	+62 53	7.5	B8III	554
	29.9	+61 48	9.8	B1V	257
9696	29.9	+60 46	8.6	B8V	554
+62°278	30.0	+63 15	9.8	B0,5III	257
+60°283	30.0	+60 18	9.5	K2III	256
9712	30.0	+40 34	6.4	K1III	62 469 475
9714	30.0	+27 46	7.0	K1III	659
9722	30.1	+61 19	8.2	AOIab	671
236800	30.2	+59 26	9.6	B1III:n	251 257 687
9737	30.2	+59 07	7.1	FOIII	256
9766	30.4	+14 09	6.2	B9III	194 687 v
9770	30.4	-30 25	7.1	K3V	457 677 714
9774	30.5	+72 32	5.5	G8II-III	53 106 469 714 v
+60°286	30.6	+60 31	10.4	Am	559
9788	30.6	+60 11	8.7	K1Ib	554
				K2III	256
9811	30.8	+64 14	6.6	A6Iab	671
+59°289	30.9	+60 06	10.4	Am	559
9826	30.9	+40 54	4.1	F8IV	41 45 529 530 758
				F8IV-V	55 83
				F8V	53 65 71 97 101 106 112 154 156 288 304 362 535 653 665 677 687 714 725 726

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	1h				
+62°282	31.1	+62 24	9.4	FOII	554
9852	31.1	+61 20	8.0	G8III	554
				K0III	256
				K1pIII:	387
9856	31.1	-15 54	5.5	K2III	53 106 714
9878	31.4	+61 51	6.6	B7V	554
+60°287	31.4	+60 32	9.0	K3III	256
+60°289	31.5	+60 51	10.2	B2II-III	257
+60°286	31.5	+60 46	9.5	F2V	256
9896	31.5	-58 39	6.0	F2V	456 460 705 714 v
9911	31.7	+63 13	8.4	K0V	554
236810	31.8	+60 04	8.7	B2III	251 257 687
236811	31.8	+58 11	8.8	FOIII	256
9926	31.9	+60 19	8.1	K0Ib	554
				K3III	256
9927	31.9	+48 07	3.8	K3III	53 65 71 82 101 106
					145 178 259 299 304
					469 475 535 687 714
+62°285	32.2	+62 58	9.0	B8V	554
	32.2	+57 39		06fp	251
9956	32.2	+22 04	8.1	F6V	38 sb
	32.3	+61 13	10.4	B2V	257
9972	32.4	+61 07	8.9	A8V	554
+60°295	32.4	+60 41	8.5	K0III	256
9973	32.4	+60 34	7.1	F2I,F2Ia	51
				F2Ia	256
				F5Ia	554
				F5Iab	384
				F5Ib	469
+57°356	32.4	+58 12	9.5	G0V	256
9974	32.4	+57 39	10.7	O6 + WR	139
				WR	257
				WN5	321
9984	32.4	+25 24	8.7	G8III	659
9996	32.5	+44 54	6.3	A0p	555 sb?
10015	32.7	+29 04	8.7	K0IV-V	471 253
236815	32.8	+59 54	8.5	B0,5III	251 257 486 687
+57°359	33.0	+57 20	9.9	B1:V:	251 257
10038	33.0	-40 41	8.7	Am	705 710
10042	33.0	-79 01	6.1	G3IV	645
+61°308	33.1	+61 32	9.5	B8V	554
+60°299	33.1	+60 24	8.6	M2III	256
236817	33.3	+59 04	8.3	G0V	256
10063	33.3	+55 17	7.4	B8Iab	251 257 486 598 671
10072	33.4	+43 52	5.2	G8III	53 101 106 469 475
					535 sb
10077	33.4	-47 37	8.2	FOIII	705 710
+62°287	33.5	+62 36	8.9	B8V	554
10095	33.6	+27 15	7.3	K3III	659
+60°301	33.7	+61 08	9.2	G5V	256 554
	33.7	+59 47	10.7	A4II	671
10097	33.7	+04 38	9.1	G5V	253
10100	33.7	-16 23	7.5	K1III	38
	33.8	+59 45	10.5	Am	559
10108	33.8	+54 20	8.2	F4IV	38
10125	33.9	+63 40	8.2	O9Ib	642
				O9,5Ib	135 139 141 251 257
					287
	33.9	+62 04	10.6	B3:II:	257
10126	33.9	+27 36	7.9	G8V	253 296
10144	34.0	-57 44	0.6	B2IV	439
				B5IV	79 80 439 440 444
					640 641 645
				B5V	456
10145	34.1	+66 25	7.6	G5V	253 296 459 514 714
10161	34.2	-25 32	6.4	B9Vn	705 710
10162	34.2	-48 26	7.4	FOIV	705 710
10186	34.5	-18 18	7.5	FOIII	705 710
10196	34.6	+62 10	7.8	G8V	554
	34.7	+64 22	11.9	A2Ib	671
10205	34.7	+40 04	4.9	B8IV	81 sb
10209	34.7	-29 32	7.4	FOIII	705 710 v
10221	34.9	+67 32	5.5	A0p	174
+60°306	34.9	+60 45	9.5	G5III	256
10223	34.9	+60 35	9.2	B9V	554
+62°292	35.0	+63 06	10.4	B1:pe	257
236826	35.0	+59 28	8.6	K0III	256
10240	35.0	-49 17	7.7	A2V	705 710
10260	35.3	+60 32	6.6	B7V	554
	35.4	+62 35	10.9	N	93
	35.4	+62 11	9.3	F5V	554
+59°305	35.6	+59 48	9.5	F8III	256
10296	35.6	+27 58	8.9	K1III	659
	35.7	+63 06	10.1	N	93
10307	35.7	+42 07	5.1	G2V	53 55 65 71 83 101
					106 131 145 154 156
					181 288 296 304 370
					469 475 535 665 677
					714 725 726
+60°311	35.9	+60 20	10.0	B2III:nn	257 486
10332	35.9	+60 03	7.4	K1III	256
				K2II	554
10348	36.0	+29 32	6.0	K0III	714 27
10360	36.0	-56 42	6.0	K0V	457 705 714 sb
				K2V	665 725
				K2V + K5V	295 677 vb
10361	36.0	-56 42	6.0	K0V	457
+62°296	36.1	+63 06	9.8	B1IV	257
10362	36.1	+60 55	6.5	B5Ib	554
+58°280	36.1	+58 45	9.5	K2III	256
10375	36.2	+62 08	8.1	B9V	554
10380	36.2	+04 59	4.7	K3III	53 101 106 142 299
					469 475 535 714
+61°312	36.3	+61 57	9.2	B1III	251 257 687
+61°314	36.3	+61 35	9.1	B7V	554
	36.3	+60 26	9.0	B6V	554
10390	36.3	+34 44	5.4	B9V	194 714
+62°297	36.4	+63 05	9.1	B1Ib	251 257 687
10436	36.7	+63 22	8.7	K5V	253 296 554 677 687
10437	36.7	+59 08	6.8	K0III	256
+60°317	36.8	+61 02	9.8	F1V	554
+61°315	36.9	+61 20	10.5	B8Ib	671
236840	36.9	+58 31	8.9	G8III	256
10474	37.1	+59 56	7.9	A3V	554
10476	37.1	+19 47	5.3	K1V	53 65 71 94 101 106
					178 203 287 288 296
					304 469 475 535 646
					665 677 714 725 758
10485	37.2	+60 49	8.6	A1V	554
10486	37.2	+44 48	6.5	K2IV	475
10494	37.3	+61 21	7.5	F2I-comp:	
				cF + A:	51
				F5Ia	384 469 554 642
				F7I	671
10497	37.3	+52 23	6.8	A7II	671
236843	37.4	+58 18	9.1	G5III	256
10516	37.4	+50 11	4.2	B1pe(III,V)	130 131 197 sb
				B1pe(III,IV)	765
				B2pe	598 687
				B2Ve	729
+61°319	37.5	+61 14	9.7	B8V	554
+60°321	37.5	+60 48	8.6	K2III	256
+55°393	37.6	+55 40	10.5	B1V	251 257
10538	37.6	-37 20	5.6	A0V	645 705 710
				A2V	456 641
10542	37.7	+62 28	8.6	G8V	554
10550	37.7	-04 11	5.3	K3II-III	53 106 714
				K3III	645
	37.8	+60 19	11.5	C	93
+58°289	37.8	+58 16	9.5	G2III	256
10560	37.8	-41 37	8.3	A3Vn	705 710
	37.9	+63 55	11.9	A1Iab	671
	37.9	+62 53	10.7	B6II	671
10572	37.9	-20 40	7.3	K4III	38
+62°300	38.1	+62 21	10.0	B1V:pne	257
+60°322	38.2	+60 18	9.7	B2III	257 486
10588	38.2	+31 43	6.3	G8III-IV	117 sb
	38.4	+62 27	11.1	N	93
236855	38.4	+58 17	8.6	K0III	256
	38.5	+62 37	11.1	N	93
+59°315	38.7	+59 15	9.5	G5V	256
10636	38.7	+53 28	9.8	R5	308
				R6	6

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	1h				
+61°320	38.8	+61 35	9.6	A2p	559
				A2V	554
+60°327	38.8	+60 32	8.5	K0:III:	256
10663	39.0	+63 19	8.5	G2V	554
10664	39.0	+62 28	8.6	B9V	557
				B9,5V	558
+60°331	39.0	+60 44	9.0	B8Iab	251 257 486 687
				B9Ia	671
	39.2	+61 31	10.6	B1II	257
+60°336	39.2	+60 56	9.1	B9Iab	257 486 671
				A2Ib	256
+60°333	39.2	+60 44	8.9	B5Iab	251 257 486 687
+60°335	39.2	+60 30	9.4	M2III	256
10680	39.2	+59 14	7.8	K0III	256
+58°294	39.2	+58 36	9.5	F2V	256
+60°337	39.4	+61 06	10.9	A0II	671
10700	39.4	-16 28	3.6	G8V	53 78 106 640 641
					758
				G8Vp	65 71 82 94 156 287
					288 296 303 341 439
					463 640 645 653 665
					677 705 714 725 726
	39.5	+60 50	9.4	B5Iab	304
+60°339	39.5	+60 45	8.5	B5Ib	642
				B6Iab	251 257 482 486 687
+61°321	39.6	+61 39	9.0	K2III	256
	39.6	+60 52	8.9	B6Iab	304
+60°343	39.6	+60 45	9.3	B2II	251 257 482 486
				e	39
236859	38.6	+59 59	9.1	K0III	256
232522	39.6	+54 51	8.7	B1II	251 257 486
236867	39.7	+58 44	8.5	K2III	256
+62°304	39.8	+62 35	10.2	B3IIIn	257
+60°345	39.8	+61 00	9.7	B0II:	257 486
+60°346	39.9	+61 05	9.5	G8III	256
+59°317	40.0	+59 37	9.3	G5III	256
10755	40.1	+63 09	8.0	G5III	554
10756	40.1	+60 10	7.5	B7Ia	554
				B8Ia	251 257 486 687
				B8Iab	671
10757	40.1	+58 40	7.5	G0V	256
10761	40.1	+08 39	4.5	G8III	101 469 535
				K0III	53 106 475 714
236869	40.2	+59 10	8.5	G5V	256
10766	40.2	+25 54	8.6	F8IV	659
+60°349	40.3	+61 03	9.5	G8III	256
+60°347	40.3	+60 42	10.4	B9Iab	671
236871	40.3	+59 53	8.2	M2III	256
10780	40.4	+63 22	5.6	K0V	71 101 469 475 535
					677 687 726
	40.4	+60 07	11.8	A2Iab	671
10783	40.4	+08 04	6.6	A2p	174 555 sb
+60°351	40.5	+60 38	9.1	B1,5Ia	665
10800	40.5	-83 29	5.9	G2V	645
10814	40.8	+63 05	8.0	A4V	554
	40.8	+58 32	11.1	C	93
	40.8	+29 03	9.2	F5V	659
10829	41.0	+30 19	8.1	F7IV	659
10830	41.0	-25 33	5.4	F1V	645
10842	41.2	+61 22	8.8	A0V	554
				B9V	557 665
10863	41.4	-27 50	6.4	F2Vn	705 710
236877	41.5	+59 10	8.0	K2III	256
10866	41.5	+25 40	7.8	K3III	659
10871	41.6	+59 57	8.2	A9V	557 sb
				F0V	554
+58°301	41.6	+58 51	9.4	F8V	256
10892	41.8	+61 21	8.6	B9V	665
				A1V	557
+61°330	41.8	+61 20	8.9	B9V	665
				A5V	554
236879	41.9	+59 06	9.1	M0III	256
10897	41.9	+59 57	9.6	A0V	665
10898	41.9	+57 56	8.2	B2Ib	251 257 486
236882	42.1	+58 38	8.6	K3III	256
+58°304	42.1	+58 28	10.5	Am	559

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	1h				
	42.1	+27 59	9.6	K1III	659
+63°247	42.3	+63 50	9.7	B0III	251 257
+59°326	42.3	+60 05	9.5	K3III	256
+61°332	42.4	+61 25	9.5	B6V	665
+59°327	42.4	+59 35	9.5	G2III	256
10948	42.4	-40 26	8.3	A7V	705 710
+59°328	42.5	+60 04	9.8	B5V	665
+59°329	42.6	+59 16	9.4	G0V	256
+60°355	42.7	+61 02	9.5	B9,5V	665
				A0V	557
				F5V	256
10972	42.7	+60 31	8.7	B8V	557
				B9V	554 665
+60°356	42.7	+60 15	9.5	B9V	665
10975	42.7	+37 27	6.0	K0III	253 469 475 714
	42.8	+63 33	12.6	A3II	671
10981	42.8	+30 17	8.2	G8III	659
10982	42.8	+16 27	5.7	B9,5V	194 sb
11004	43.0	+61 39	8.4	G0III	256
				F4V	554
				F7V	557
11012	43.1	+46 45	8.2	F2IV	38
11025	43.1	-85 16	5.6	K0III	645
+61°335	43.3	+61 42	9.9	A1V	665
11043	43.4	+59 02	8.5	G8III	256
+58°309	43.6	+59 09	9.3	K3III	256
+58°310	43.7	+58 45	10.2	B1V	257
11073	43.7	-21 08	8.9	F0V	705 710
+60°361	43.9	+60 36	9.5	A1III	665
				F5V	256
11092	44.0	+64 22	6.9	K5Iab-Ib	387 399 469 vb
+60°362	44.0	+60 51	9.6	B2II-III	257
11094	44.0	+53 15	8.0	M5II-III	765 v
				M5III	2
	44.0	+28 12	9.7	K0III	659
11100	44.0	-26 45	7.2	F0V	705 710
11112	44.1	-41 59	7.1	G4V	465 705 714
11120	44.3	+25 15	8.8	G8V	659
+60°365	44.4	+60 35	10.9	B6Ib	671
11126	44.4	+59 52	8.0	B8III	665
				B8V	557
11130	44.4	+29 00	8.8	K1V	659
+58°312	44.6	+59 02	9.3	G8III	256
11154/5	44.6	+21 47	5.9	G0III + A	714 vb sb? 27
				K0III	
				+ A6V	391
+62°313	44.7	+62 57	9.3	B8V	557
				B9,5III	665
11162	44.7	+61 21	9.5	B9V	557
				A2V	665
11163	44.7	+60 26	8.7	A0IV	665
				A5III	557
				F2III	256
11170	44.7	+06 44	7.9	G1IV	38
11171	44.7	-11 11	4.8	F2IV	112 299 645 646 714
				F2V	474 (F2III)27
11187	44.9	+54 25	7.1	A0p	174 555
+62°314	45.0	+62 58	9.4	B8V	665
11213	45.1	+59 59	8.6	A1V	557 665 sb
+54°395	45.2	+54 58	9.9	B0IV:p	251 257
+61°339	45.3	+61 33	9.4	B7III	665
	45.4	+60 29	12.1	B8Iab	671
+60°368	45.4	+60 20	10.6	B1:III:	257
236894	45.4	+57 57	9.4	O8V	139 251 257
11241	45.4	+54 39	5.5	B2V	105 130 172 531 598
				B3V	584 732 sb
11257	45.5	+10 33	5.9	F0V	714 27 v
11274	45.6	-12 50	8.1	F5V	38
232552	45.8	+54 51	8.0	B0pe	251 257
+63°253	46.1	+63 42	9.3	B0III	251 257
+61°342	46.1	+62 03	9.6	B0,5II	257
236896	46.1	+59 58	9.9	A0Ib	665
+54°404	46.5	+54 38	10.0	B1III	251 257
11353	46.5	-10 50	3.9	K2 II	299 564 sb
				K0III	640 641
				K2III	53 106 299 705 714

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	1h				
+60°373	46.6	+60 45	10.7	A2II	671
11360	46.6	+60 06	8.8	A5III	665
				A5V	557
				Am	559
11374	46.7	+60 30	8.4	F2III	256
				F4V	557
+61°344	46.8	+61 30	9.2	A9III	665
				A7V	557
11397	46.9	-16 48	9.1	G8III	253 658
11401	47.0	+59 40	8.2	M3III	256 v
+62°319	47.1	+62 14	9.3	A7III	665
				F5III	557
+58°317	47.1	+59 04	10.9	K5V	256
236901	47.1	+58 49	9.0	K5III	256
11415	47.2	+63 11	3.4	B2p	65 105 126 v
				B3III	22 529 530 584 687
					728 729 732 738 758
				B3IVp	697
				B3p	598 130
+59°345	47.2	+59 54	9.5	A3III	665
11425	47.3	+59 30	9.9	Am	559
				A3V	665
				A5II	671
236903	47.3	+58 45	8.9	A2p	559
11443	47.4	+29 06	3.6	F5III	30 529 530 640 641
					758 sb
				F5IV	53
				F6IV	106 112 131 156 287
					288 469 653 665 714
					725 736
11453	47.5	+28 19	7.0	K5III	659
11463	47.6	+59 25	8.2	B6V	665
				B9II	671
11464	47.6	+25 31	8.1	K0III	659
11471	47.7	+61 29	8.8	B7V	665
				B8V	557
11472	47.7	+59 26	8.0	A5Ib	665
				F3Vp	557
				F5III	256
11480	47.7	-25 32	8.7	F0p	705 710
11481	47.7	-33 02	8.5	A5Vn	705 710
236905	47.8	+59 20	8.5	K0III	256
11490	47.8	-36 45	8.7	F0V	705 710
236906	47.9	+59 38	8.5	K2III	256
+58°322	48.0	+58 53	9.4	K3III	256
11502	48.0	+18 48	4.8	B9V + Ap	81 194 714 vb
				A0V	640
				A0p	174
+60°376	48.1	+61 12	9.1	G2III	256
11517	48.1	+59 28	7.8	A0V	557 665
+60°377	48.2	+60 54	9.5	G5III	256
11543	48.2	+59 01	8.4	Am	559
11544	48.3	+56 05	7.0	G2Ib	384 469
				G2II	51
11551	48.3	-48 01	8.3	A3V	705 710
11554	48.4	+57 24	9.6	B1Vpe	251 257
11559	48.4	+02 42	4.8	K0III	53 101 106 469 475
					535 714 sb
11573	48.5	-33 16	8.3	A7III	705 710
11577	48.6	+56 36	7.6	A0II	671
11592	48.7	+10 08	6.8	F5V	253 658
11605	48.8	+61 53	7.8	B6III	665
				B8V	557
+59°355	48.8	+59 46	9.8	B0,5V	665
11622	49.0	+61 11	8.9	A6V	557
11631	49.0	-60 49	8.5	M0,5V	138
	49.1	+56 18	10.8	A2II	671
11636	49.1	+20 19	2.7	A5V	30 55 65 71 83 94
					102 112 126 177 180
					287 288 299 304 439
					472 529 530 590 640
					641 646 665 677 687
					714 725 734 755 sb
11650	49.2	+27 20	7.6	G9III	117
				K1II-III	659
11669	49.4	+60 47	7.3	B6III	665
				B7V	557
+59°357	49.4	+60 05	10.0	B0,5IV	257
+55°441	49.4	+56 04	9.7	B1(V)pe	251 257
11680	49.5	+26 47	8.1	K1III	659
11695	49.6	-46 48	4.4	M4III	457 513 645 705 714
					sb
+62°325	49.8	+62 30	9.6	G8V	557
χ Cas	49.8	+58 46	8.4	Ce	259 v
				N	93
11716	49.9	+60 45	8.0	K0III	256 557
+62°353	49.9	+62 46		B8V	557
+60°387	49.9	+60 45	10.3	A5V	557
				Am	559
11719	49.9	+42 34	7.5	K4III	38
11721	49.9	+25 37	8.1	G8III	659
				G8III-IV	117
+63°261	50.0	+63 33	9.6	Bpnne	251 257
	50.0	+58 49	10.5	N	93
11734	50.1	+59 30	8.6	B1V	665
				B2IV	558
11745	50.2	+59 59	9.9	B8V	665
11749	50.2	+36 46	5.8	G8III+	62
				K0III	253 469 475 714
+61°358	50.3	+61 46	9.5	B9V	665
+60°389	50.3	+60 38	9.3	B7III	557
				B9Ib	257
+59°362	50.3	+59 15	9.1	K0III	256
11772	50.4	+60 46	9.5	B8V	557 665
+62°328	50.5	+62 35	9.4	B6III	557 665
11781	50.5	+26 59	8.9	G0V	659
11800	50.7	+59 43	8.2	K3III	256
				K5Ib	557 665
11808	50.7	-25 52	8.5	A5V	705 710
	50.8	+59 30	10.0	B1V	257
+60°393	50.9	+61 05	10.7	B2pe	257
11821	50.9	+60 42	8.3	G8V	557
				K3III	256
+60°395	51.0	+61 12	8.6	G5Ib	665
				G5V	557
+60°396	51.0	+60 19	8.9	K5III	256
+61°359	51.1	+61 34	9.5	B8V	665
	51.1	+61 27	11.2	B1V:	257
11831	51.1	+59 54	8.0	A2Ia	251 257 557 665 687
				A2Iab	671
				A5Ia	256
11837	51.2	+57 28	8.6	B9IV	665
+60°399	51.4	+60 27	9.1	G8III	256
11859	51.4	+59 33	8.8	B5Ia	665
				B5III	557
				A0Ib	665
11860	51.4	+59 08	6.6	A0V	665
11865	51.5	+61 03	7.4	G8III	557
11866	51.5	+57 22	8.1	A1V	665
+59°367	51.6	+60 02	9.8	O9,5Ib	139 257
11878	51.6	-36 44	7.5	F2V	705 710
+60°401	51.7	+60 54	9.6	B9V	665
+60°411	51.7	+60 20	9.2	A0Ib	665
+60°402	51.7	+60 14	9.5	G0V	256
	51.7	+60 08	10.2	B1peV	257
11885	51.7	+37 11	8.2	G7III	642
-14°363	51.8	-14 40	9.7	G5V	253
11909	51.9	+17 20	5.2	K1p	53 106 203 469 714
					sb
11918	52.0	+61 03	8.2	B7III	557
				B8III	665
+59°369	52.0	+59 40	9.4	B8V	665
11920	52.0	+56 47	9.2	A0V	665
+58°343	52.1	+58 27	9.6	B2III	251 257
11937	52.1	-52 07	3.6	G5IV	287 288 295 296 449
					471 640 641 645 646
					665 677 705 714 725
11947	52.2	+60 39	9.2	B7III	557
				B8III	665
11959	52.3	+62 50	8.9	A2V	665
				A3V	557
11960	52.3	+59 53	9.0	A3III	557
				A3V	665
11961	52	+39 39	7.2	M6III	38

HD or D.	1900 α	1900 δ	m	Sp	Bibliography
	1h				
11973	52.4	+23 07	4.8	F0IV	112 299 687 714 sb?
11977	52.4	-68 09	4.7	G5III	645
11996	52.7	+59 31	7.7	K3III	557
				K4III	387
12003	52.7	-43 40	7.7	A7Vn	705 710
	52.8	+25 19	9.1	G2V	659
+61°362	52.9	+61 51	10.3	B2III	257
12014	52.9	+58 40	8.2	K0Ib	665
236923	53.0	+59 14	9.3	B1V	257
12029	53.0	+28 54	9.0	K2III	659
12052	53.2	+28 23	8.7	G8III	659
+64°277	53.3	+64 43	10.6	A1Iab	671
+60°408	53.3	+60 44	9.5	B8V	665
12060	53.3	+59 25	8.5	F7IV	557
	53.4	+62 25	10.6	B2V	257
	53.5	+62 32	10.6	B1V	257
+60°409	53.5	+60 53	9.5	A0-A1V	665
12102	53.7	+06 11	8.3	F3IV.	38
12111	53.7	+70 25	4.6	A4V	112 180 474
	53.7	+62 50	11.0	A0Ib	671
+60°411	53.7	+60 20	10.3	A2Ib	671
+58°351	53.7	+58 29	10.0	B1III	251 257
+60°412	53.8	+60 32	9.8	K0IV	557
12112	53.8	+59 28	6.7	A2Ia	665
				A5III	665
12122	53.9	+59 56	8.8	B3III	665
				B7III	557
	54.0	+61 54	11.2	B2:V:	257
+62°338	54.1	+62 22	9.2	B3Ia	665
				B3II	557
12140	54.1	+11 49	6.1	A6V	194
12150	54.2	+57 43	8.4	B2IV	558 665
12161	54.3	+60 01	8.0	A8III	557
	54.5	+61 23	10.5	B1V:	257
12184	54.5	+59 19	8.5	A2V	665
12192	54.6	+61 16	8.7	B5V	557 sb
				B8Ib	665
+60°416	54.6	+60 34	9.6	B0,5III	257
12193	54.6	+59 29	7.9	A2V	665
12206	54.7	-26 55	6.7	A1V	705 710
12208	54.8	+61 24	7.7	K5V	557
12216	54.9	+71 56	4.1	A1V	81 180 472 714 sb
+61°367	54.9	+61 51	10.0	A5III	665
12232	55.0	+29 27	9.0	F2V	659
12243	55.1	+59 49	8.7	B7V	557 665
12246	55.1	+34 49	8.1	F3V	38
12260	55.2	+29 04	8.3	K2III	659
	55.3	+59 09	10.8	B7Ia	671
12274	55.3	-21 34	4.0	M1III	645
+59°387	55.5	+59 36	9.6	B3II	257
12301	55.6	+63 54	5.6	B8Ia	671
				B8Ib	42 48 127 141 172 251 257 598
+59°388	55.6	+59 30	9.6	B3II	127 257
12302	55.6	+59 12	8.1	B1:V:pe	251 257 486
12303	55.6	+54 00	5.0	B8V	81 sb
12311	55.6	-62 03	3.0	A9III	456
				F0V	287 439 440 444 449 640 641 645 677 705
236928	55.7	+59 47	9.4	A4Ib	671
				F0Ib	557
+51°471	55.7	+52 05	9.4	S6,e	98 v
12323	55.8	+55 08	8.9	O9V	127 139 251 257 598
12339	55.9	+75 38	5.3	G8III	53 101 106 535
12340	55.9	+60 34	9.7	B8III	665
				B8V	557
12341	55.9	+57 32	8.5	A2IV	664
12342	55.9	+56 49	8.6	B7IV	665
+60°422	56.1	+61 07	11.3	F6I	671
12365	56.1	+60 13	7.4	B7III	557
12380	56.3	+57 44	8.6	G5II	665
12387	56.3	-41 13	7.3	G3V	705 713 714
+61°370	56.4	+61 24	10.1	O9V	127 139 257
12399	56.5	+63 46	7.8	G0I	51
				G5Ia	384 469
12402	56.5	+27 56	6.7	K1III	117 659
12423	56.7	+59 17	8.8	F0II	665
12426	56.7	+29 17	8.2	K0III	659
12438	56.8	-30 28	5.4	G5III	457 705 714
+61°371	56.9	+61 56	11.1	B3:II:pe	257
12442	56.9	+59 05	9.2	A2V	558 665
12446/7	56.9	+02 17	3.2	Ap	714 vb sb
				A2p	81
				A2p + Am	555
				A2IVp	640 705
				A2V	177
				A5III	467
12460	57.0	-12 18	8.1	F6V	38
232588	57.1	+54 38	8.6	B1,5III	127 251 257 598
12471	57.1	+32 48	5.4	A2III	194 687 714 sb?
12477	57.1	-66 33	6.1	K2III	645
236935	57.2	+58 00	9.3	B1:V:ne	251 257 731
12482	57.3	+59 45	7.4	F6IV	557
12493	57.4	+61 16	9.0	B8V	557
				B9,5V	665
236937	57.4	+60 13	9.2	A2III	557
				A2V	665
12494	57.4	+57 32	8.2	K0III	665
12509	57.6	+63 54	8.0	B1III	127 251 257
236938	57.7	+59 58	9.2	G2V	557
+61°375	57.8	+61 36	9.6	B0,5IV	127 257
				B2Ib	665
12529	57.8	+60 01	8.1	F8V	557
12530	57.8	+56 36	8.8	A3V	665
12533	57.8	+41 51	2.3	K2II	714 vb sb
				K2II+B9,5V	206
				K2III	53 106 203 259 475
				K3II	131 399 469 479
				K3II + A	399
				K3II+A0p	313
12535	57.8	+27 00	7.4	K2III	659
12567	58.1	+63 49	8.8	B0,5III	127 251 257
12568	58.1	+62 28	8.0	G1II	38 687
				G5III	665
				G5V	557
12569	58.1	+59 52	7.6	F7IV	557
12581	58.2	+57 54	9.2	B8II	671
				B8V	665
12590	58.3	+61 18	8.5	B9V	557
				B9,5V	665
	58.6	+62 53	10.2	B0,5:pe	257
12623	58.6	+62 42	8.4	K0V	557
12624	58.6	+57 17	9.7	B8V	665
12637	58.7	+38 58	8.1	F3III	38
12638	58.7	+25 27	7.0	G8III	117 659
12641	58.7	-00 49	6.0	G5II-III + G5V	313 714
+60°428	58.8	+61 12	9.4	A7V	557
12650	58.8	+59 48	8.7	G2II	665
	59.0	+62 52	10.3	Bpe	257
12708	59.4	+60 34	8.6	B8V	557
				B9V	665
+58°372	59.4	+58 48	10.4	B3III	257
12709	59.4	+56 50	8.0	B4III	665
				B4IV	558
12716	59.5	+60 19	9.0	A9III	665
				A9V	557
12727	59.6	+56 34	8.8	B2III	127 251 257 486 598
				A2IV	665
12728	59.6	+28 39	7.9	K1III	659
+61°361	59.7	+61 44	9.2	F5V	557
+60°433	59.9	+60 26	11.0	A0Ib	671
12749	59.9	+59 39	9.2	B9V	557
				B9,5V	665
	2h				
12767	00.0	-29 47	4.7	A0III	640 641 705
				Ap	714
				A0V	645
+61°381	00.1	+62 02	9.2	A5V	557
+59°409	00.1	+59 42	9.5	B6V	665
12783	00.2	-00 10	8.0	G5V	38

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	2h				
12819	00.6	+62 41	8.0	A3V	557
+62°350	00.8	+62 26	9.2	A3Ib	665
12842	00.8	+58 11	8.5	F6I	671
12843	00.8	+56 21	9.0	A3IV	665
+62°351	00.9	+62 21	9.5	B8V	665
+60°435	00.9	+60 55	9.7	B2III	127 257 665
12854	00.9	+59 01	9.2	A2V	665
12856	00.9	+56 38	8.6	BOpe	119 251 257 598
12867	01.0	+57 14	9.2	B1V	127 251 257
				B2Ib	558 665
12869	01.0	+22 11	5.1	Am	516 555 629 714 sb
12881	01.1	+79 13	7.1	Am	223 sb
12882	01.1	+64 33	7.5	B6Ia	173 251 257
+61°382	01.2	+61 18	10.7	B1:V:	257
12885	01.2	+25 13	6.0	B8V	194
12897	01.2	+25 51	7.2	K1III	117 659
12904	01.2	-43 12	8.2	FOp	705 710
12906	01.3	+59 07	9.2	A1V	665
12920	01.4	+59 29	9.5	A0V	665
+62°352	01.5	+62 13	9.5	A9III	665
12928	01.5	+58 23	8.6	B7II	665
12929	01.5	+22 59	2.0	K2III	53 55 71 82 83 94 101 106 131 142 145 177 178 203 259 287 299 469 475 535 550 640 641 665 687 714 725 65 146 sb
12938	01.6	+60 29	8.8	A0V	665
				A5V	557
12953	01.7	+57 57	5.7	A0Ia	671
				A1Ia	42 48 74 119 127 141 153 251 257 483 598 642 687 665
12964	01.8	+58 03	9.2	B6V	665
12971	01.9	+59 43	7.9	A2V	557
				A5II	665
+28°361	02.0	+29 10	9.6	K0III	659
12993	02.1	+57 27	8.6	05	115 127 139 251 257 598 687
				09III	558 665
12994	02.1	+56 34	8.2	B7V	665
13013	02.3	+43 58	6.3	G8III	117
13017	02.3	+29 05	8.2	K5III	659
13022	02.4	+58 18	8.8	09,5Ia	558 665
+60°439	02.5	+60 51	9.4	A1Ib	671
				A2V	665
13036	02.5	+59 09	8.6	B0Ib	558 665
				B0,5:III:	257 485
13038	02.5	+57 29	8.5	A5II	665
13041	02.5	+37 23	4.8	A4V	194 687 sb?
				A5V	81 472 714
13043	02.5	-01 05	6.9	G2V	253 714
13050	02.6	+57 38	8.6	A7III	665
13051	02.6	+56 31	8.7	B1Ia	558
				B1II	665
				B1III:	119 482 598 483
				B1IV::	251 257
13067	02.8	+57 34	9.2	A0V	665
+63°300	02.9	+63 36	9.7	Bpe	251 257
				B(0)e	28
13088	03.0	+58 41	8.0	A1V	665
13122	03.3	+59 31	6.7	F5II	665
13136	03.4	+56 05	7.6	M1-M3,5Ib	766 v
				M2Ib	14 120 127 282
+67°186	03.4	+67 47	11.1	B8II	671
13161	03.6	+34 31	3.0	A5III	22 30 65 112 126 529 530 687 641 640 714 758 sb?
+66°189	03.7	+66 36	9.7	F6I	671
13174	03.7	+25 28	5.1	F2III	106 112 646 687
13208	04.0	+58 46	9.0	A2V	665
13232	04.1	-26 13	8.9	Am	705 710
13256	04.5	+60 14	8.6	B1Ia	257 598
				B3e	28
13267	04.6	+57 11	6.4	B5Ia	42 48 74 119 127 141 251 257 299 483 486 598 665

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	2h				
				B8II	665
				B9Ia	558
13268	04.6	+55 41	8.2	08Vnn	127 139 251 257
13294/5	04.8	+38 34	6.0	B9,5V	194
13338	05.3	+57 28	9.2	B1V	127 251 257
				B2II	665
	05.4	+59 26	11.0	09V	257 139
+57°513	05.5	+57 38	9.5	B1III	127 251 257
13364	05.5	+22 45	8.2	F5IV	38
	05.6	+57 03	10.4	A8Iab	671
13370	05.6	+56 50	9.4	B7IV	665
13372	05.6	+31 03	6.2	Am	555 629 194 sb?
+57°515	05.7	+57 18	9.7	B1:pe	251 257
13402	05.9	+59 04	8.1	B0Ib	558 665
				B0,5I	119 251 257 482 486 598
				B0,5Ip	141
13412	06.0	+58 20	8.2	A9III(m?)	559 665
13420	06.1	+58 05	10.2	B4III	558 665
+61°391p	06.2	+62 16	9.1	B9,5V	557
13435	06.2	-28 42	7.1	K2V	457 705
	06.3	+60 05	12.2	A2Iab	671
13437	06.3	+58 44	8.1	G5II	665
13445	06.3	-51 19	6.1	K0V	457 677 705 714
236954	06.4	+58 42	9.2	B3Ib-II	257 731
13464	06.5	+59 09	9.5	A0V	665
13476	06.6	+58 06	6.5	A1Ia	558
				A2Ia	671
				A3Ia	665
				A3Iab	74 119 127 141 153 251 257 483 598 687
				A3Ib	42 48
13480	06.6	+29 50	5.2	G5III + F5V	313 714 vb (sb+sb)
+59°436	06.7	+59 31	10.7	A0Ib	671
+57°520	06.7	+57 58	9.6	B1II	127 257
13494	06.7	+56 06	9.2	B1III	127 251 257
13504	06.8	+61 13	7.6	F6III	557
13505	06.8	+58 17	9.0	A9III	558 665
13506	06.8	+57 03	9.5	B2V	558 665
13518	06.9	+58 56	8.6	A1IV	665
13520	06.9	+43 46	5.1	K4III	53 101 106 469 475 535 sb
13530	06.9	+50 36	5.4	G8III:	62 sb v
				K0III	53 101 253 469 475 535 714
+59°434	07.0	+59 29	8.5	A3V	665
13541	07.1	+60 01	9.3	F7V	557
13543	07.1	+57 27	8.9	K1III	665
13544	07.1	+53 27	9.0	B0,5IV	127 251 257
13554	07.2	+59 37	8.9	A1V	665
13555	07.2	+20 44	5.4	F5V	53 106 714
13561	07.3	+56 02	8.8	B0,5Vp	251 257 731
13565	07.3	+30 06	7.8	G4III	38
				K0II	659
+54°490	07.4	+54 35	9.5	B1V	127 251 257
+29°366	07.5	+29 35	9.3	F8V	659
13590	07.6	+63 34	8.0	B2III	251 257
				B5p	48
				B5e	28
13591	07.6	+58 55	9.2	A1IV	665
13594	07.6	+47 02	6.2	F5V	287 458 474 714 27 vb
13596	07.6	+14 48	5.7	M0III	253 sb
13606	07.7	+59 11	9.0	A0V	665
13610	07.7	+24 55	8.6	F8IV	659
13611	07.7	+08 23	4.5	G8II	53 106 469 475 687 714 sb
13621	07.8	+54 51	8.1	B0,5IV	119 127
				B1V	251 257
13633	07.9	+58 01	7.6	B6III	665
13656	08.1	+58 39	9.4	B3V	665
13659	08.1	+56 28	8.9	B1Ib	127 251 257 598
				B1II	533 665
13676	08.3	+59 28	9.7	A2V	557
13686	08.4	+62 46	7.2	G8I	557
				K3Ib	387 399 469
13687	08.4	+59 05	8.9	A0IV	665

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	2h				
13691	08.4	+26 10	7.3	K1III	659
13709	08.5	-31 12	5.2	A1V	456 705
				A2V	641 645
13715	08.6	+59 34	9.0	A0V	665
13716	08.6	+57 18	8.5	B0,5III	127 251 257 598 687
				B1Ia	558 665 sb
13717	08.6	+55 08	7.9	A0II	671 sb
13721	08.6	-10 13	8.6	F0V	253 658
13725	08.7	+66 49	7.2	K4II	387 469
13734	08.8	+60 10	8.6	F7V	557
13735	08.8	+58 56	9.0	B9IV	665
13744	08.9	+57 50	7.6	A0Iab	74 119 127 251 257 483 486 598 671 687
				A2Ia	665
13745	08.9	+55 32	7.9	B0III	74 119 127 141 251 257 482 486 598 729
13747	08.9	+28 14	6.3	K0III	117
				K1III	659
13757	09.0	+60 16	8.4	B9V	557
+59°451	09.0	+59 13	9.3	B1II	127 257
13758	09.0	+57 17	8.9	B1V	127 251 257 486
				B5III	558
				B5IV	665
13771	09.1	+59 36	9.4	A0V	557
				A1V	665
13772	09.1	+57 58	8.6	B6IV	558 665
13783	09.2	+64 30	8.3	G8V	253
13784	09.2	+57 09	9.5	F1I	671
13798	09.3	+62 55	8.4	B8V	557
13799	09.3	+62 29	8.6	B6III	557
-1°306	09.5	-01 40	9.1	G2V	253 714 296
13824	09.6	+57 45	8.6	F2IV	47
13826	09.6	+11 47	8.5	R0	6 v
				B8(C5p5)	308 1
13830	09.7	+62 43	8.0	F6IV	38 687
				F6V	557
	09.7	+57 50	10.2	B0,5V	314
13831	09.7	+56 17	8.3	B0IIIp	251 257 486 729 731
				B0IV	119 127
				B2III	558 665
13834	09.7	+46 13	8.2	F4V	38
13836	09.7	+26 54	8.2	G8V	117
13841	09.8	+56 34	7.6	B1Ib	486 558 665
				B2Ib	74 119 127 141 251 257 482 483 598
13854	09.9	+56 36	6.4	B1Ia	558 665
				B1Iab	74 119 127 135 141 173 251 257 483 486 598 729
13864	10.0	+60 53	8.1	G2V	557
+56°473	10.0	+56 39	8.5	B1II:	251 257 598
				B3e	3
13866	10.0	+56 15	7.5	B2Ib	74 119 127 135 141 251 257 482 486 558 598
				B2III	665
13867	10.0	+49 22	7.5	B5V(e)	88
				B8e	3
13869	10.0	+32 54	5.3	B9,5V	194 687 714
+62°375	10.2	+62 43	9.0	A5III	557
	10.2	+59 07	10.6	B1Ib	257
13890	10.2	+56 19	8.5	B1III:pe	119 253 257 486 251
				B3e	3
13898	10.3	+62 13	8.0	A2V	557
13900	10.3	+56 26	9.2	B1IV	127 251 257 598
				B5III	665
	10.4	+58 32	10.2	Bpe	257
13910	10.4	+56 54	8.2	B9V	665
13929	10.5	+57 34	8.0	Am	47 181 559
				F0II	665
13940	10.5	-41 38	5.9	G9III	645 sb
+56°482	10.6	+56 44	9.4	B1III?p	251 257
13943	10.6	+29 20	8.7	G8III	659
+56°484	10.7	+56 26	9.6	B(0)ne	3
				B0:V:ne	251 257
13968	10.8	+57 55	9.2	B7V	665
13969	10.8	+56 38	8.8	B1IV	119 251 257 482 486 598
				B2Ib	665
13970	10.8	+56 11	8.6	B2V	558
13974	10.8	+33 46	4.9	G0V	45 55 65 71 83 106 156 259 287 288 296 304 345 441 653 665 677 687 714 725 758 sb
13982	10.9	+57 26	6.1	G8III	665
+59°456	11.0	+59 20	9.9	B0,5V	127 257
13994	11.0	+57 03	6.2	G5II	665
				G8III	15
14010	11.1	+63 58	7.0	B9Ia	141 251 257
				B9Iab	671
14011	11.1	+58 59	9.4	A0V	665
14014	11.1	+55 46	9.0	B0,5V	127 251 257 598
14025	11.2	+58 55	8.8	A1V	665
14028	11.2	+43 50	7.5	M7-8Se	98 v
+56°493	11.3	+56 24	9.6	B1V:pe:	251 257
14052	11.4	+56 45	8.2	B1Ib	119 127 251 257 486 598
14053	11.4	+56 33	8.4	B0,5II-III	486
				B0,5III	257
				B1II	119 127 251 482 598
14055	11.4	+33 23	4.1	A0V	81 194 640 641 687 732
14061	11.5	+60 41	9.0	B9V	557
14067	11.5	+23 19	6.4	G9III	117 714
14092	11.7	+56 18	9.5	B1V	127 251 257
+56°512	11.8	+56 58	9.0	M4Ib	14 120 127 282 561 765 v
	11.8	+56 38	10.0	B1V	119 127 598
	11.9	+56 43	11.3	B2V	119 127 598
	11.9	+56 42	10.8	B1,5V	119 127 598
14124	12.0	+60 02	8.0	A9IV	557
14129	12.0	-06 53	5.7	G8III	645
+59°461	12.1	+59 16	10.1	B1II	127 257
14134	12.1	+56 40	6.6	B3Ia	42 48 50 119 127 141 173 251 257 482 486 598 665 697 729
	12.1	+56 40	10.0	B1V	119 127 598
14142	12.2	+58 30	8.3	M2Iab	120 127 282 765
				M2Ia-Ib	2 14 v
14143	12.2	+56 43	6.7	B1Ia	665
				B2Ia	74 119 127 141 251 257 482 483 486 531 665 699
	12.2	+56 43	10.8	B2IV	119 127 598
14146	12.2	+28 34	6.8	M0III	659
+31°392	12.3	+31 17	9.0	S5,1	98 v?
14161	12.4	+58 51	8.6	A2V	665
14162	12.4	+56 41	9.6	F0,5V	127 251 257 598
+62°377	12.5	+62 40	9.6	K2V	557
14172	12.5	+59 35	6.9	A2V	557
14173	12.5	+59 33	7.4	G5II	557
14183	12.6	+59 04	8.0	A1V	665
14184	12.6	+57 13	9.4	A9III	665
14191	12.6	+19 26	5.7	A1V	194 sb
14202	12.7	+34 03	7.9	G0IV + G0V	313
14214	12.8	+01 17	5.8	F9V	253 296 714 sb
14218	12.9	+62 54	9.2	A9III	557
+62°378	12.9	+62 30	9.8	B5V	557
+61°400	12.9	+62 02	9.2	A5Ib	557
14228	12.9	-51 59	3.4	B8V	439 456 640 641 645 646 705 714
+62°380	13.2	+62 19	9.2	A9III	557
14250	13.2	+56 39	9.0	B0,5V:n	251 257 486
				B1III	119 127 598
14252	13.2	+28 11	5.3	A2V	194
14270	13.4	+56 32	8.2	M1Ia-Ib	2 v
				M2Iab	561 765
				M3Ia-Ib	14
				M3Iab	120 127 282
14272	13.5	+39 23	6.5	B8IV	194
14302	13.6	+55 52	8.8	B1II-III	74 251 257

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	2h				
+56°549	13.7	+57 00	9,8	B1V	257
14322	13.8	+55 27	6.8	B8Ia	42 48 671
				B8Ib	74 119 127 141 251 257 483 598
14328	13.9	+61 38	9.5	B9V	557
14330	13.9	+56 42	8.0	M1Ia-Ib	14 v
				M1Iab	120 127 282 561 765
14331	13.9	+55 22	8.4	B0III	119 127 251 257 598
+70°169	14.0	+70 43	8.9	K2V	253 296
+58°451	14.1	+59 00	10.1	B1III:	257
14357	14.1	+56 25	8.5	B2II	119 127 251 257 482 486 598
14376	14.2	-19 59	7.1	M0III	38
14385	14.3	+02 22	7.8	G5III	38
14404	14.5	+57 24	8.6	M2Ib	14 120 127 282
14412	14.5	-26 25	6.3	G5V	457 463 677 705 714
+58°453	14.7	+58 51	10.5	B1V	257
14422	14.7	+56 56	9.0	B0IV:pe	119 598
				B1V:pe	251 257 486
+66°205	14.8	+66 36	10.1	B9Ib	671
14433	14.8	+56 47	7.0	A1IA	42 48 74 119 141 127 153 251 257 598
	14.8	+56 41	11.4	B2V	119 127 598
14434	14.8	+56 27	8.6	O6	115 119 127 139 251 257 483 598 729
				O7n	299
14441	14.9	+62 31	8.0	A0V	557
14442	14.9	+59 06	9.2	O5,5	115 127 139 251 257
14443	14.9	+56 42	8.0	B2Ib	119 127 251 257 482 486 598
	14.9	+56 38	11.0	B3V	127
	14.9	+38 27	10.9	B3V	119
	14.9	+56 40	11.0	B2V	119 127 598
	15.0	+56 41	9.9	B2III	119 127
	15.0	+56 41	11.6	B3V	119 127 598
14456	15.0	+28 04	7.9	G8III	659
14469	15.1	+56 09	7.7	M3Ia-Ib	2 14 v
				M3Iab	120 127 138 282 561 765
				M4Ia-Ib	758
14479	15.2	+30 14	8.2	K1II-III	659
+60°467	15.3	+60 15	9.8	A3V	557
14488	15.3	+56 39	8.3	M3Ia-Ib	2 v
				M4Ia-Ib	14
				M4Iab	120 127 138 282 561 765
14489	15.4	+55 23	5.2	A2Ia	74 127 141 153 251 257 598 665
				A2Ib	42 48
14490	15.3	+29 28	8.8	F8V	659
14501	15.4	+57 42	9.4	B3V:n	251 257
14510	15.5	+61 46	8.6	F7IV	557
+56°586	15.5	+56 37	9.9	B1V	127 257 598
+56°589	15.6	+57 03	9.5	B1III	127 251 257
14520	15.6	+56 38	9.2	B2II	119 127 251 257 486 598
14528	15.7	+58 08	9.0	M3eIa	14 120 127 257 259 282 561v
+60°470	15.8	+60 22	9.9	O8V	127 139 257 765 v
+26°392	15.8	+27 09	8.0	G9III	117
14535	15.8	+56 47	7.4	A2Ia	74
				A2Iap?	119 127 251 257 598 483
14542	15.9	+56 56	7.0	B8Ia	42 48 74 119 127 141 251 257 483 486 598 v
14552	16.0	+61 20	7.8	F5V	557
	16.0	+57 43	10.6	B1V	257
14558	16.1	+60 27	8.4	B7V	557
	16.2	+29 51	9.2	F2II:	659
	16.2	+27 10	9.2	K0III	659
14579	16.3	+59 28	8.8	A3V	557
+58°458	16.3	+58 30	9.8	B1pe	257
+56°595	16.3	+56 48	8.2	M0Iab	120 127 282
14580	16.3	+56 46	8.4	M0Ia-Ib	14
				M0Iab	120 127 282 v
	16.5	+62 19	12.7	A0Iab	671
14605	16.5	+56 08	9.7	0e5	48
				B0,5Vpe	251 257
14608	16.5	+29 53	7.8	K2III	659
14617	16.6	+63 06	7.8	K2II-III	387
+62°386	16.6	+62 35	9.4	K0V	557
14624	16.6	+25 49	8.9	G5V	659
14625	16.6	-00 36	7.6	G8III	38
14632	16.7	+62 36	7.5	A0V	557
	16.7	+57 53	9.4	B0IV:nn	257
14633	16.7	+41 02	7.4	O8	44 65 141 531 573 131
				O8V	71 76 135 139 251
				O9	48
14662	16.9	+54 55	6.5	F7Ib	42 47 48 131 163 384 399 455 469
				F5I	51
				F8Ib	15
				F8I	671
+62°389	17.0	+62 15	9.2	A2V	557
14680	17.0	-31 24	8.5	K3V	705 713
+62°390	17.1	+62 27	8.8	B7V	557
236960	17.1	+58 46	9.2	B0,5III	257
14695	17.2	+62 02	8.2	G4III	557
14707	17.3	+57 52	9.9	B0,5III	127 257 v
	17.4	+59 17	11.0	C	93
14738	17.5	+26 15	8.1	F6II	38
14749	17.6	+59 25	8.2	A3V	557
236961	17.7	+57 02	8.8	B1II	251
14770	17.8	+49 33	5.5	G8III	53 101 106 469 475 535
14794	18.0	+60 03	8.1	G8II	557
14795	18.0	+59 33	7.5	B6V	557
14797	18.0	+46 55	7.6	M0III	38
14802	18.0	-24 16	5.3	G1V	645
14817	18.2	+61 04	7.1	B9V	557
14818	18.2	+56 10	6.2	B2Ia	42 48 74 119 127 141 173 251 257 482 483 486 531 598 642 665 699
14826	18.3	+57 00	8.5	M2Ia-Ib	14
				M2Iab	120 127
+60°473	18.4	+60 36	9.4	F5V	557
	18.6	+59 32	10.7	B0IV:	257
14864	18.8	+57 03	8.6	A0II	671
14872	18.9	+49 50	4.9	K4III	53 106 469 475 535 714
14874	18.9	+30 12	8.2	G0V	659
14875	18.9	+28 46	7.1	K3III	659
14876	18.9	+27 13	8.1	K3III	659
+61°411	19.0	+61 33	10.2	O8:	139 257
+59°485	19.1	+60 09	9.2	A9V	557
14899	19.2	+56 47	7.4	B8Ib	119 127 251 257 483 598
				A0Iab	671
14918	19.3	+25 02	8.9	G5III	659
14947	19.5	+58 25	8.0	O5f	48
				O6f	115 127 139 251 257 598 687 729 sb?
				e	39
14949	19.5	+27 13	8.2	K2II	659 sb
	19.6	+57 24	10.5	B2IV	257
14956	19.6	+57 14	7.2	B2Ia	74 119 127 141 251 257 482 483 486 531 598 665 687
+61°412	19.7	+61 46	8.9	B6V	557
14969	19.7	+29 26	7.9	K3III	659
+58°470	19.9	+59 01	10.5	F8Ib	211 v
+54°544	19.9	+54 36	9.9	B8Iab	671
BI And	19.9	+37 42	9.5	S8,8	98 v
15008	20.0	-69 07	4.2	A2V	456 640 641 645
				A3Vn	705
+61°413	20.1	+61 54	9.3	F4V	557
BS Per	20.1	+51 40	9.5	N	6 765 v
15022	20.2	+62 26	8.1	K3II	557
+61°414	20.5	+61 40	9.1	F4V	557
+59°489	20.5	+60 01	11.5	A0Iab	671

HD or D	1900 α	1900 −δ	m	Sp	Bibliography
	2h				
15069	20.6	+61 46	7.9	G1V	557
+61°415	20.6	+61 23	9.3	A0V	557
+60°481	20.6	+61 02	9.7	A0V	557
15084	20.7	+18 27	8.0	F7V	38
15089	20.8	+66 57	4.6	A5p	112 126 152 174 368 758 ts
				Ap	516
15102	20.9	+62 44	7.4	A2V	557
+59°494	21.1	+59 56	9.3	B9Vp	557
15128	21.1	+30 50	8.1	F6V	38
15130	21.1	−12 44	4.9	B9V	81 645
				B9n	705
+62°404	21.2	+62 39	8.7	F4IV	557
15137	21.2	+52 06	7.9	O9,5V	251
15144	21.3	−15 47	5.8	A4p	174 555
				A7p	458 27
				Ap	516 sb
15164	21.4	+10 08	8:3	F2IV	38
+60°484	21.8	+60 31	9.3	A2II	557
+60°485	22.1	+60 41	9.2	A9V	557
15228	22.1	+09 45	6.5	F5V	253 513 714
15233	22.1	−60 45	5.4	F2IIIp	456 460 641 645 705
15238	22.2	+60 13	8.4	B3V	557
				B5V	88
15239	22.2	+60 12	8.2	B5V	88
				A0V	557
	22.2	+57 46	9.9	B1III	257
15248	22.3	−74 06	6.0	K0III	645
15250	22.3	+60 30	8.8	A0V	557
+59°497	22.3	+59 24	10.5	B0V:	257
15256	22.3	+29 26	7.8	G5III	659
15266	22.4	+57 40	9.4	A0Iab	671
15316	22.8	+57 22	7.2	A3Iab	74 119 127 153 251 257 598 671 687
15318	22.8	+08 01	4.3	B9III	65 78 81 94 208 287 304 641 646 687 732 714 734 sb?
				B9V	640
15325	22.9	+56 48	8.5	B1IV	127 251 257
15326	22.9	+29 14	8.3	F8V	659
15328	22.9	+01 31	6.4	K0III	117
+61°419	23.0	+61 51	9.6	B5II	557
+57°579	23.0	+57 13	10.1	B1V	127 257
15339	23.0	−46 27	7.1	K0III	457 705 714
−8°456	23.2	−07 48	9.4	B0	308
+60°493	23.3	+60 44	8.4	B0,5Ia	127 251 257 486 665 687
15371	23.3	−48 09	4.6	B5III	456 641 645 sb?
				B8III	287 486 640 705
15382	23.5	+60 16	8.2	F5IV	557
+62°411	23.9	+62 58	8.5	B1Ib-II	251 257
+60°497	24.2	+61 11	8.8	O7	115 139 251 257 598
15450	24.2	+56 27	8.7	B0p	48
				B2:pe	257
15464	24.3	+33 23	6.2	K1III	117
+60°498	24.5	+61 07	9.9	O9V	127 139 251 257
15481	24.4	−42 52	8.2	F6IV	465 705
15497	24.6	+57 15	7.0	B5Ia	486 671
				B6Ia	42 48 74 119 127 141 251 257 486 598 665 687
	24.8	+59 36	10.5	B0,5V	257
−26°892	24.8	−26 33	8.1	Ce	259
				Ne	6 765 v
+60°501	25.0	+61 02	9.6	O6,5	127 251 257 139
236966	25.0	+60 11	9.1	A2V	557
15548	25.0	+56 13	8.9	B1V	127 251 257
15557	25.1	+61 17	7.4	F3V	557
15558	25.1	+61 01	7.8	O5f	642
				O6	48 127 135 141 139 143 251 257 595 598 687 729
				B8III	557
+60°503	25.1	+60 31	10.0	B1,5V	127 257 486
15570	25.2	+60 56	8.0	O5	595
				O5f	48 115 127 139 143

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	2h				251 257 598 729
				o	39
15571	25.2	+56 59	8.0	B1II	74 251 257 486
15590	25.3	−42 31	8.0	G5IV	457 471 705 714
15596	25.4	+17·16	6.4	G5III-IV	62 469
				K0III	253 475
+60°505	25.6	+61 00	10.2	A2II	671
15620	25.6	+57 31	8.2	B8Iab	127 251 257 486 598 687
				A0Ia	671
+61°425	25.7	+62 09	9.2	G8V	557
15629	25.7	+61 05	8.4	O5	127 139 143 251 257 598 687 729
15640	25.8	+59 33	7.5	B9,5V	557
	25.8	+58 20	11.4	F6I	671
15642	25.8	+54 54	8.5	B0III	251 257
				B0IV	119 127 482 729
+61°426	25.9	+62 10	9.3	A0V	557
15656	26.0	+35 43	5.4	K5III	53 106 469 475 714
15665	26.1	+59 51	8.5	G8III	557
+57°586	26.1	+58 09	10.1	B1II	257
236970	26.2	+56 19	10.0	A2Iab	671
15690	26.3	+57 05	7.7	B1Ib	642
				B1,5Ib	119 127 251 257 482 486 598 687
15694	26.3	+01 50	5.4	K3III	53 106 469 475 714
+60°512	26.4	+60 57	9.4	O6	127 139 251 257
+60°510	26.4	+60 34	9.9	A0V	557
+59°510	26.7	+59 34	10.3	B1III	257
15752	26.8	+57 58	8.8	B0III	127 251 257 486
+45°624	27.0	+45 13	8.2	M6III	2 v
15784	27.2	+67 55	6.8	F4II	671
+62°419	27.2	+63 09	9.7	B0:V?	251 257
15785	27.2	+60 06	8.4	B1Iab	127 135 141 251 257 598 687
				B1,5Ia	557
+58°488	27.2	+59 06	9.8	B0,5V	127 257
15798	27.4	−15 41	4.8	F3V	645
				F5III	299
				F5IV	45 714
				F5IV-V	106
15829	27.7	+62 48	7.4	G5V	557
15851	27.9	+60 40	8.1	G3V	557
15862	28.0	+59 22	8.5	G5V	557
236971	28.3	+57 03	9.6	B1IV	127 257 731
+62°424	28.4	+62 31	8.8	O8	127 139 251 257
15920	28.5	+72 23	5.3	G8III	53 101 106 469 535 714
+60°520	28.5	+60 44	9.8	A3V	557
+57°593	28.6	+57 22	9.9	B1III	257
15963	28.9	+57 38	8.1	A2Ib	671
15994	29.1	−06 04	7.3	K1III + K1III	313
16004	29.2	+39 14	6.3	B8IV	194
+4°415	29.4	+05 01	9.9	K3V	253 296
16038	29.5	+59 25	7.6	B8V	557
+63°342	29.7	+63 27	9.2	A5Iab	671
16066	29.8	+67 38	7.7	F2II	671
16088	30.0	+59 39	7.5	F0III	557
				F2I	671
16090	30.0	+30 44	7.9	G1IV	38
16099	30.1	+29 26	8.0	K3III	165
16115	30.2	−09 53	8.3	R2	308
				R3(C_2 3)	1
				R4	6 646
16139	30.4	+27 01	8.1	G8II	659
16141	30.4	−03 59	6.8	G5IV	471 253
16157	30.6	−44 13	8.6	K7V	714 766
				K7V+MOV	464 sb
16160	30.6	+06 25	5.8	K3V	253 295 296 469 475 677 714
				K4V	178 vb
16161	30.6	+05 09	5.0	G5III	458 474 27
				G8III	53 106 469 475 714
				G8III ·F7V	313

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	2h				
16212	31.0	-08 16	5.7	M0III	645
16219	31.1	+39 28	6.4	B5V	194 sb
236979	31.2	+56 37	8.0	M1Ia-Ib	2 v
				M3Ia-Ib-	14
				M3Iab	120 127 731 765
16243	31.3	+57 23	8.3	B2II:	251 257
16264	31.5	+57 10	9.2	B1:V:	257
VZ Per	31.6	+55 20	13.3	R4	6 765 v
	31.7	+58 10	11.5	A0II	671
16310	32.0	+58 38	8.1	B1II:	119 251 257
16314	32.0	+02 00	8.2	F5III	38
16326	32.1	+38 44	11.0	N	6 v
16396	32.7	+32 59	7.1	K2III	
				+ K2III	313 sb
16397	32.7	+30 25	7.2	G0V	62
				G1V	253 296
+65°284	32.8	+65 12	8.2	G8V+G9V	313 sb
16410	32.8	+61 03	7.8	K0II -III	
				+ G8III	313 sb
	33.0	+56 40	12.2	B9Iab	671
16429	33.1	+60 51	7.8	O9,5III	127 251 257 139
16432	33.1	+21 32	5.4	A7V	194 sb?
16440	33.2	+68 03	8.0	B7II	671
16460	33.4	+55 51	7.5	F0I	671
16467	33.4	+03 01	6.2	G9III	117
16480	33.5	+14 26	7.3	K2II-III	
				+ F7IV	313 sb
16497	33.7	+14 05	8.2	F5IV	38
16505	33.8	+67 38	7.0	K3III	253
16511	33.8	+33 22	7.8	K0III+F0V:	313
16522	33.8	-79 33	5.3	G4III	645
16523	33.9	+56 18	10.0	WR	671
				WC6	321 538
16582	34.4	-00 06	4.0	B2IV	50 102 105 114 126
					130 152 287 300 352
					350 360 598 641 645
					646 728 729 765 699
					197 v
				B2V	439 640 705 sb
16591	34.4	-42 20	7.2	K0V	457 705 714
16620	34.7	-12 18	5.0	F5IV-V	53 705 714
				F8IV-V	295
16623	34.7	-26 43	9.1	G2V-VI	519
16628	34.8	+26 38	5.4	A3V	194 sb?
16638	34.9	+26 12	8.1	F7V	38
16682	35.4	+34 05	8.2	M4II	2 v
				M5II	765
16691	35.5	+56 28	8.4	O5f	115 127 139 251 257
					598 sb?
16708	35.6	+02 28	7.8	G5IV	38
16723	35.7	-14 53	6.6	Am	555
16739	35.9	+39 46	5.0	F8V	45 sb
				F9V	112 299 687 714
	36.0	+59 58	11.0	C	93
+67°223	36.2	+67 59	10.1	(A0)II	671
16778	36.3	+59 24	7.7	A0Iab	671
				A2Ia	42 48 119 127 251
					257 598 665
16779	36.3	+57 24	8.6	B2Ib	127 251 257 486
16784	36.3	-30 34	8.1	G0V	705 713
16808	36.7	+57 53	8.9	B0,5Ib	127 251 257 598
16811	36.7	+19 35	5.7	A0IV-V	194
16815	36.7	-40 17	4.1	K0III	645
16832	36.9	+56 14	8.8	B0p	251 257
16861	37.1	+10 19	6.3	A2V	194 714 v
16895	37.4	+48 48	4.1	F6V	45
				F7V	65 71 106 112 156
					287 288 295 653 665
					677 687 714 725 726
					736 vb
+57°626	37.6	+57 13	10.0	B1Ib	257
16901	37.6	+43 52	5.6	G0Ib	47 101 131 259 399
					469 535
16908	37.6	+27 17	4.6	B3V	105 126 130 152 172
					300 598 641 697 728
					729 sb
				B5V	640

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	2h				
16955	38.1	+25 14	6.4	A3V	194
16956	38.1	+20 44	7.7	A2p(Am)	555
	38.1	+59 54	12.1	B8Ib	671
16970	38.1	+02 49	3.6	A2V	81 287 299 458 472
					640 665 705 714 725
					732 734 vb (A3V)27
16978	38.1	-68 42	4.2	B9III	456 641 645
				B9V	640 705
17006	38.5	-46 57	6.2	G8IV	705 713 714
17036	39.0	+14 53	5.8	B9V	194
17051	39.1	-51 14	5.4	G3IV	705 714 713
17055	39.2	+22 58	8.1	F6III	38
17081	39.4	-14 17	4.5	B5V	640 705 sb
				B6III	456 641
				B7V	65 105 424 598 645
17086	39.6	+60 09	6.7	A7Ib	671 v
17088	39.6	+57 19	7.5	B9Ia	127 141 251 257 486
					598 665
				A0Ia	671
17093	39.6	+12 01	5.2	A7IV	47 714
17094	39.6	+09 42	4.4	F0IV	65 106 112 126 152
					287 299 304 550 640
					641 646 665 714 725
					sb
17114	39.7	+58 55	9.2	B1V	127 251 257 598
17119	39.7	+29 55	9.0	F5V	659
17138	39.9	+69 13	6.4	A2V	104 sb
17145	40.0	+57 15	8.2	B8Ia	119 127 141 251 257
					486 598 665
				A8Ia+	671
17155	40.0	-46 52	9.0	K5V	457 705
17190	40.4	+25 15	8.8	K1IV	659
				K2V	677
17206	40.5	-19 00	4.6	F6V	45 106 677 714
17228	40.8	+35 35	6.2	G8III	117 714
17238	40.9	+42 59	7.6	G9III	38
17283	41.4	+26 19	8.2	K1III	659
17306	41.6	+53 44	7.8	G0I: +B:	51
				K3Iab +B:	384
				e	39
17317	41.7	+20 56	8.3	Am	555
17327	41.8	+64 14	7.5	B8II	671
17361	41.9	+28 50	4.6	K1III	53 101 106 299 469
					475 535 714
+65°297	42.0	+65 18	10.4	F2II	671
17378	42.2	+56 40	6.3	A3Ia	671
				A5Ia	42 48 65 119 127
					153 251 257 399 469
					597 598 665
17382	42.2	+26 40	8.2	K1V	117 659 677
17396	42.3	+29 56	8.5	G0V	659
	42.4	+59 36	10.8	N	93
237007	42.7	+59 59	9.4	B0V	127 251 257 486 731
17463	43.0	+68 28	6.2	F5I-II-	
				F7I-II	17 765
				F5-F6,5Ib-II	207
				F6I	671 v sb
	43.0	+58 27	10.6	N	93
17471	43.0	+24 47	5.9	B9V	194
17491	43.1	-12 53	6.4	M4III	2 646 765 v
17505	43.4	+60 01	7.1	O7	48 127 135 139 141
					143 251 257 595 598
					642 729
				O7,5	532
17506	43.4	+55 29	3.9	K3Ib	48 145 178 259 469
					479 665 42
				K3Ib+B9V	391 475 sb
17520	43.5	+59 59	8.3	O8V	127 139 143 251 257
					729
	43.7	+68 22	12.2	B7II	671
17543	43.7	+17 03	5.3	B6IV	105 732 sb
17573	44.1	+26 51	3.7	B8V	194 584 640 641 sb
17581	44.2	+57 53	6.3	Am	555 sb
+62°480	44.3	+62 22	9.0	BIV	125 sb
17584	44.3	+37 54	4.3	F2III	55 65 83 106 112
					304 687
17603	44.4	+56 38	8.6	O7f:	127 139 251 257 598v

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	2h				
17638	44.8	+56 31	10.2	WR	671
				WC6	321 538
17647	44.9	+45 34	8.6	G5V	253 296
17652	44.9	-32 50	4.5	G6III	645
236995	45.0	+58 32	9.2	A0Ia	671
17673	45.1	+30 06	8.0	K1III	659
17674	45.1	+29 52	7.6	G0V	659
17709	45.3	+34 39	4.7	K5III	53 **101** 106 469 475 535
	45.4	+59 35	10.0	N:	93
237019	45.6	+60 03	9.3	O8V	127 139 251 257 731
+63°365	45.9	+63 26	10.0	A1Ia	671
17769	46.0	+14 40	5.5	B7V	105 **732**
17775	46.1	+61 28	8.8	A0p	26 555
+60°586	46.4	+60 14	8.5	O7	127 139 251 257 598
17824	46.5	-21 25	4.8	K0III	645
	46.6	+59 05	8.3	R	93
17857	47.0	+63 43	7.8	(B7)I	671
				B8Ib	127 141 251 257
17865	47.0	-44 29	8.2	F8V	457 677 705
17878/9	47.2	+52 21	4.1	G4III+A4V	177 112
				G5III+A	714 sb
17895	47.3	-08 41	7.2	M5III	2 765 v
+56°739	47.4	+57 02	10.0	O9,5Ib	139 257
17904	47.4	+37 56	5.3	F4V	53 106 687 714 v
17925	47.7	-13 11	6.1	K0V	178
17926	47.7	-31 14	6.4	F8IV-V	457 705 714
17958	48.1	+63 55	6.6	K3Ib	387 469 v
17963	48.1	+29 42	9.7	F6V	659
17971	48.2	+59 59	7.8	F2Ib:,F2I	51
				F5Ia	51 384 469
				F7Ia	671
+58°527	48.3	+59 11	10.6	F6I	671
	48.3	+58 49	10.7	B1V	257
17993	48.4	+62 12	7.5	M1III	387
+60°594	49.1	+61 01	9.3	O9V	127 139 251 257
18076	49.2	+58 41	9.1	B0II-III	251 257
+60°596	49.3	+60 16	9.6	B1V:n	251 257
18142	49.7	+30 38	7.2	M3II-III	38
18153	49.8	+50 51	6.5	K5III	387
18168	49.9	-36 19	8.2	K3V	711
18169	49.9	-41 40	8.4	F5V	465 705
	50.1	+65 04	11.1	B9II	671
18189	50.2	+25 41	8.3	G8III	659
18191	50.2	+17 55	6.0	M6III	282 646 v
	50.3	+57 29	10.3	B2III	257
18202	50.3	+28 45	6.4	G8III	117 659
237040	50.7	+58 50	9.0	B9p	26 555
	51.1	+57 42	10.0	B1II-III	257
18296	51.2	+31 32	5.2	Ap	516 sb
				A0p	174 555
18322	51.5	-09 18	4.0	K1III	645 v
				K1III-IV	53 106 259 299 486 705
				K2III	178
18326	51.6	+60 10	7.8	O8	48 139 143 251 257 595 sb
+51°659	51.6	+51 42	9.4	B0IIInn	251 257
18328	51.6	+29 19	8.9	F8V	659 sb
18331	51.6	-04 07	5.2	A1V	55 65 71 78 82 83 94 126 152 303 304 597 645 467(A3V)27 sb
18352	51.9	+60 53	6.8	B1V	251 257 486
18384	52.1	-00 59	7.1	G8III+F6V	313 sb
18391	52.2	+57 16	7.5	G0Ia	51 384 469
18403	52.3	+26 56	9.5	G0IV	659
18409	52.4	+62 19	6.4	O9Ib	139 251 257
18411	52.4	+39 16	4.6	A0V	472 sb?
				A2V	1 116 131 194 714
	52.7	+57 03	12.1	A2Ib	671
18438	52.8	+79 01	5.7	M1III: + F7IV	313 391 714 sb
18449	52.9	+34 47	5.0	K2III	53 101 106 469 475 535 714
18450	52.9	+26 29	8.5	K2V	659
18473	53.1	+59 17	7.4	B9p	555 sb
18474	53.1	+46 49	5.6	G4p	158
18519/20	53.5	+20 56	5.2	A2V	71 194 714 **27 vb sb**
18537	53.7	+51 57	6.8	B7IV	105 128
				B7V	34
18541	53.7	+38 48	9.6	A3V+G-KIV	104 sb
18552	53.9	+37 45	5.9	B8V(e)	194 sb
				(B9)V	584
18554	53.9	+30 12	8.3	K1III	659
18602	54.4	+30 09	8.6	G8III	659
18604	54.4	+08 31	4.7	B5III	105 728 729 732
				B5V	640 641
18622/3	54.5	-40 42	3.4	A3III	439 sb
				A3V	640 641 645 705
237056	55.0	+57 13	8.7	O8e5	48
				O8ne	28
				B0,5:V:pe	251 257 731
18702	55.3	+05 35	8.2	K0V	253 296 459
18715/6	55.4	+32 01	6.7	G5IV + A7IV,V	313 sb
18757	55.7	+61 21	6.6	G4V	253 296 714
18769	56.0	+26 04	5.9	Am	555 629
18778	56.2	+81 05	5.9	Am	516 555 **27 v**
18819	56.5	-28 02	7.6	G0V	457 705 714
18866	56.9	-64 28	5.0	A5III	440
				A5V	640
18883	57.1	+03 58	5.6	B7III	456
18884	57.1	+03 42	2.8	M2III	131 138 140 145 178 187 259 282 287 370 467 472 640 641 645 646 705 714
18907	57.3	-28 28	5.9	G5IV	457 471 705 714
18925/6	57.6	+53 07	3.1	G8III: + A3V	112 177 sb G8III+A3 :131
18929	57.6	+27 11	8.7	G8III	659
18970	58.0	+56 19	5.1	G8III	15
				K0II-III	53 101 106 469 475 535
				K1II-III	714
18972	58.0	+14 05	8.0	K0IV	100
18978	58.0	-24 01	4.0	A3IV	456 714
				A4V	641 646
				A5V	299 598 645 677 **27**
				A7IV	640 705 714
+57°687	58.7	+57 27	10.0	B1Ib	257
19039	58.7	+57 07	7.7	F0I	671
19058	58.8	+38 27	3.2	M3III	2 124 441 v
				M4II-III	259 282 471 138
				M4III	459 472 509 714 765
19061	58.8	+14 27	10.4	G2V	100
19066	58.9	+40 12	5.9	K0III	117
19079	59.1	+29 48	9.2	F7IV	659
19080	59.1	+15 29	6.6	K3III	100
237065	59.4	+57 10	10.2	F4II	671
19112	59.4	+13 25	7.5	G8III	100
19121	59.5	+01 30	6.0	K0III	117
19134/5	59.6	+24 52	6.1	B7V	194 vb
19136	59.6	+14 12	9.4	K0III	100
19165	59.9	+27 18	8.6	F6V	253 659
	3h				
19178	00.0	-12 33	8.2	F5V	38
19208	00.3	+13 53	8.5	F2V	100
19243	00.7	+62 00	6.7	B1V:e	251 257
19258	00.8	+11 17	7.3	M1III	38
19275	01.1	+74 01	4.9	A0V	81
19286	01.1	+74 41	8.2	F2V	38
19291	01.1	+14 23	8.6	F5V	100
19301	01.2	+38 42	8.2	F3V	38
19305	01.2	+01 38	8.9	M0V	253 296 677
+59°597	01.4	+60 04	9.2	B9p	26 555
19342	01.6	+58 22	8.0	Am	26
19356	01.7	+40 34	2.2	B8V	81 131 299 529 584 640 641 714 758
				B8V+G	765 sb
19361	01.7	+14 49	7.9	K3III	100
19373	01.8	+49 14	4.0	G4V	583

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	3h			G0V	45 55 65 71 83 106 112 131 156 196 253 287 288 296 341 469 518 535 653 665 677 687 714 725 726
19374	01.8	+17 30	6.1	B2IV	383
				B2V	379 397 599 sb
	02.0	+54 53	11.2	A0Ia	671
19390	02.0	+15 06	10.0	G8V	100
19401	02.1	+14 57	10.7	F8V	100
19410	02.2	+14 17	8.7	F8V	100
19445	02.5	+25 59	8.1	A4p	287
19467	02.6	-14 08	7.2	G5V	645
19476	02.7	+44 29	4.0	K0III	53 65 101 106 299 535 469 475 714 sb
19485	02.8	+25 13	9.0	G5V	659 sb
19511	03.1	+06 21	7.8	G4III	38
19518	03.2	+14 59	8.1	G8V	100
19519	03.2	+14 39	10.7	G5V	100
19522	03.2	-12 25	8.0	G3IV	38
19525	03.3	+08 05	6.3	G9III	117
19534	03.5	+73 51	7.2	M2III	38
19548	03.6	+28 42	5.6	B7V	194
19557	03.7	+57 31	8.1	R5($C4_5$)	1 308
				R6	6
				R	93
19600	04.2	+27 27	6.4	A0V	194
19618	04.4	+15 00	9.1	K0IV-V	253 471 658
19637	04.6	+26 31	6.0	K3III	253
19653	04.8	+60 26	8.9	B9p	26 555
19656	04.8	+39 14	4.8	K0III	101 535
				K1III	53 65 106 469 475
19698	05.2	+11 30	5.9	B8V	194
19735	05.5	+47 22	6.4	K5III	253 469 475 687 714
				K2V	583
19743	05.5	-62 06	7.1	G5IV	457 471 705 714
19787	05.9	+19 21	4.5	K2III	53 101 106 299 469 475 478 535 714 v
19790	05.9	+06 47	8.3	F3III	38
19808	06.1	+34 36	8.1	F5IV	38 sb
19820	06.2	+59 11	7.1	08	48 sb
				09IV	74 134 251 257 765 139
				09V	125
19823	06.2	+29 26	9.8	G0V	659
19832	06.3	+26 53	5.6	A0p	174 368 555 765 v
19845	06.4	+47 50	6.0	G8III	583
19855	06.5	+81 47	7.3	M2III	38
19881	06.7	+47 27	9.2	Np	6 v
19882	06.7	+38 36	8.3	F3IV	38
237090	07.2	+59 33	8.9	B0,5IV:nn	251 257
237091	07.3	+59 33	8.7	B1:V:pnne	251 257
19994	07.7	-01 34	5.1	F8V	53 106 645 677 714
20010	07.8	-29 23	3.8	F6V	287 288 640 665 vb v
				F7V	725
				F8IV	295 296 457 677 705 714
20041	08.1	+56 46	5.9	A0Ia	42 48 671
20052	08.2	-62 44	7.8	G0V	457 705
237098	08.5	+56 52	10.6	A0II	671
20084	08.6	+84 34	5.8	G3p:II	62 sb
				G8II-III	253 714
20095	08.7	+59 37	8.4	Am	26
	08.8	+58 02	9.0	R	93
20121	08.9	-44 47	5.9	F6III	456 460 sb
+51°704	09.1	+51 38	10.3	B1V:nn	251 257
20123	09.1	+50 34	5.3	G5II	53 101 106 131 399 469 475 535 665 687
				G9III	532
20149	09.3	+30 11	5.5	A1III?	194 sb?
20150	09.3	+20 40	5.0	A0IV	194
				A0IV-V	81
20192	09.6	+47 54	7.8	G9II:	583
20210	09.8	+34 19	6.4	Am	555 194 sb
20234	10.0	-57 41	5.7	N	6 705
+47°797	10.2	+47 15	9.5	G9III:	583
20280	10.5	-26 49	9.1	K7V	465 519 705
20313	10.9	-79 22	5.6	F0II	456 sb
20315	11.0	+43 39	5.4	B8V	34 105 sb
20320	11.0	-09 11	4.8	Am	25 112 289 456 555 629 641 645 646 705 sb
20336	11.2	+65 17	4.8	B2Ve	105 130 598 699 732
				B3V	584 sb
20346	11.3	+38 56	6.0	A3V	194 sb?
20358	11.4	-12 22	7.5	K4III	38
20365	11.5	+49 51	5.3	B3IV	584 sb
				B3V	34 105 128 172 287 445 483 510 583 687 289
+51°710	11.6	+51 40	9.7	B5Ib	251 257 486
20391	11.7	+49 24	7.9	A1V	34 172 287 289 445 483 583 687
20407	11.8	+46 02	6.8	G0V	714
				G3V	705 713
20418	12.0	+49 43	5.0	B5V	34 105 128 172 287 289 445 483 583 584 687
20468	12.5	+33 51	4.9	K2II	53 106 203 469 475
20475	12.6	+48 32	8.7	F2V	34 287 289 687
237121	12.7	+58 30	8.9	B0,5V	251 257 486
20559	13.3	-01 17	5.4	K1IV	253 471 714 vb
20567	13.5	+64 56	8.8	B8Ib	671
+31°580	13.9	+31 39	7.8	M5II-III	2 765 v
20630	14.1	+03 00	4.8	G5V	45 55 65 71 78 83 59 94 106 145 156 177 178 259 287 288 303 304 341 370 467 469 470 556 646 653 665 677 714 758 v
20644	14.3	+28 41	4.7	K2II-III	53 106 203 475
				K4III	101 469 535
20671	14.6	+28 27	8.9	F8IV	659
20677	14.7	+42 58	5.0	A2V	81(13:A3V) sb?
20680	14.7	+26 34	8.0	K2III	659
20701	15.0	+47 34	8.4	A1V	34 172 445 583 687
20709	15.1	+72 50	7.0	K3III	253
	15.2	+55 40	10.9	C	93
20756	15.5	+20 47	5.2	B5Vp?	105 130 598
20766	15.6	-62 58	5.5	G2V	457 463 705 714 677
20794	15.9	-43 27	4.2	G5V	287 288 296 457 460 640 641 645 665 677 705 714 725
20797	16.0	+64 14	5.6	M0II	145 178
20807	16.0	-62 53	5.3	G0V	295 296 vb
				G1V	457 463 677 705
				G2V	287 640 665 714 725
20809	16.1	+48 51	5.3	B5V	34 105 128 172 287 289 445 483 583 584 687
232784	16.3	+50 18	8.6	K0III	583
20855	16.5	-58 21	7.4	K0IV	457 471 705 714
20893	17.0	+20 23	5.2	K3III	53 106 469 475 714
20894	17.0	-23 59	5.5	G5III	458 27
				G8II	714
20898	17.1	+60 08	7.9	B2III	251 257 486
+49°916	17.1	+49 18	9.5	B2p(shell)	251 257
20902	17.2	+49 30	1.9	F5Ib	15 19 30 34 42 47 65 71 101 112 126 128 131 152 153 162 163 177 207 287 289 399 455 469 529 530 535 583 642 687 725 758 763
20909	17.2	-12 41	8.2	F4V	38
20959	17.8	+59 05	8.0	B3III	251 257 486
20961	17.8	+47 32	7.6	A0V	34 172 287 289 445 483 583 687
20988	18.1	+02 30	8.3	F4V	38
20995	18.2	+33 11	5.6	B9,5V	194
21050	18.7	+20 27	5.9	A0V	194
21071	18.9	+48 45	5.9	B6V	34 172 287 289 445 483 583 687
21085	19.0	+49 24	7.2	A3II	583

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	3h				
21091	19.1	+48 02	7.5	A0V	34 172 287 289 445 483 583 687
21102	19.2	-01 05	9.3	A7 + F6V:	125 765 sb
21120	19.4	+08 41	3.6	G8III	53 65 71 78 82 94 101 106 145 178 303 469 475 535 646 687 714 sb
	20.0	+57 22	11.2	B8II	671
21181	20.0	+47 52	6.9	B9V	34 172 287 289 445 483 583 687
21183	20.0	+34 59	8.1	F9V	38
21197	20.1	-05 41	8.0	K5V	253 296 677 714
21212	20.3	+62 09	8.1	B2(V)e	251 257
+64°394	20.4	+64 55	10.0	F4II	671
21268	20.8	+50 36	8.1	K2III	583
21278	20.9	+48 43	5.0	B3V	34 105 128 172 287 289 445 483 510 183 687 sb
21280	20.9	+43 50	8.3	R4e	6 v
				R5e	308
				Ce	259
				C4,3e	765
	21.0	+59 46	11.8	A2Iab	671
21291	21.0	+59 36	4.2	B8Ia	671 v
				B9Ia	42 48 50 65 74 81 126 141 172 251 257 598 665 671 734 738
21335	21.4	+18 25	6.4	A3III	194 714
21362	21.7	+49 31	5.6	B6V	34 172 287 289 445 483 583 687 sb
21363	21.7	+47 01	8.4	K0II-III	387
21364	21.7	+09 23	4.2	B8V	456 sb
				B8p	81 584 640 641
				B8nn	22
21375	21.8	+48 44	8.1	A1V	34 172 214 287 289 445 483 687
21379	21.8	+12 23	6.2	B9,5V	194 sb
21389	21.9	+58 32	4.8	A0Ia	42 48 74 81 126 486 152 153 251 257 550 665 671 734 758 sb?
21398	22.0	+47 58	7.4	B9V	34 172 287 289 445 483 583 687
21402	22.1	+33 28	5.6	A2V	194 sb
21428	22.2	+49 10	4.7	B3IV	34 172 287 289 445 483 510 583 687
				B3V	105 584 B5V 128
21447	22.4	+55 07	5.1	A1V	65 71 81 82 94 126 152 179 472 714 vb
21448	22.4	+44 42	7.4	B1V + G8III	313
21451	22.4	+25 56	8.1	K3III	659
21455	22.5	+46 36	6.2	B5V	34 445 583 687
21473	22.6	-41 59	6.4	A1V	705 713 714
21479	22.7	+48 53	8.2	A2V	34 172 214 287 289 445 483 583
21481	22.7	+47 38	8.2	A0V	34 172 214 287 289 445 483 583
21480	22 7	+48 50	8.0	A7V	34 287 289 687
21483	22.7	+30 02	7.1	B3III	129 251 257 486 598 646 128
+30°549					
21543	23.2	+31 05	9.5	B8-B9p	410
	23.4	-06 52	8.2	G2V	658
				G2VI	643
+58°611				G2V-VI	253 462
21551	23.5	+58 56	11.3	B8II	671
	23.5	+47 46	6.0	B8IV	34 172 445 483 583 687 sb?
21552	23.6	+47 39	4.6	K1III	583 v
				K3III	53 101 106 469 475 535 714
21584	23.9				
21590	24.0	+50 09	7.3	Am	181 559
+48°936	24.2	+16 25	7.0	A0p	555
21626	24.3	+49 06	7.9	G8I	583
21641	24.5	-44 12	6.8	G0IV	705 713 714
		+47 31	6.8	B9V	34 172 445 583 687
				B9e	28

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	3h				
21672	24.8	+48 24	6.6	B8V	34 172 445 583 483 687
21686	24.9	+11 00	5.1	B9,5V	194 687
21699	25.0	+47 41	5.5	B8III	34 172 287 289 445 483 583 687 v
21722	25.1	-69 41	5.9	F5IV	456 460
21742	25.3	+59 06	8.0	K1IV	387
21749	25.3	-63 51	8.1	K5V	457 677
21754	25.4	+12 36	4.3	K0II-III	53 106 259 469 475 714 sb
BI Per	25.5	+52 24	14.4	R	93 765 v
21770	25.5	+45 43	5.4	F4III	53 106 112 469 665 687 763 v
21773	25.5	+37 09	8.3	F0III	642
21790	25.7	-05 25	4.8	B8V	81 645
21803	25.8	+44 32	6.3	B2IV	130 197 216 257 486 598 766 v
21820	26.0	+29 12	8.5	K0III	659
21843	26.2	+59 24	8.0	B3III	172 483
				A0Ib	671
+56°821?	26.2	+56 56	10.9	A0II+A0II	671 sb
21856	26.3	+35 06	5.9	B1V	74 129 251 257 300 483 486 598 728 729 732 128 172
21899	26.7	-41 43	6.1	F8V	457 705 714 v
21910	26.9	+74 26	7.6	G8III+	62
				G9IV	38
				K0III	253
21912	27.0	+39 34	5.8	A3V	194 sb
				Am	516 555
21931	27.1	+48 17	7.2	B9V	34 445 583 687
21942	27.2	+46 56	8.9	A0V	34 687
21971	27.4	+62 59	7.6	K4III	38
21981	27.4	-47 43	5.9	A2V	456 460 705
22001	27.6	-63 18	4.8	F5V	645
22007	27.7	-00 50	8.0	G5IV	38
22049	28.2	-09 48	3.7	K2V	55 78 82 83 94 106 145 154 156 178 187 203 259 287 288 296 299 370 467 640 641 645 646 653 665 677 705 714 725 758
22091	28.5	+24 07	5.9	A3V	194 714 vb
22124	28.8	+31 41	6.6	F2IV-V	365 sb
22136	28.9	+46 46	6.8	B8V	34 445 687
22156	29.1	+46 14	7.7	G6III	38 687
22192	29.4	+47 51	4.2	B5e	34 105 118 128 289 445 687
				(B5ne)	486 (B5p:287)
				B5IIIe	729
				B5V?	584
22203	29.4	-21 58	4.3	B8V	640 641 645 705 714 sb
22231	29.6	-50 43	5.6	K3III	645
22252	29.8	-66 50	5.7	B7V	456
22253	29.9	+56 23	6.8	B0,5III	74 141 197 251 257 486 598
22262	29.9	-31 25	6.2	F5V	457 705 714 vb
22269	30.0	+27 16	8.1	K1III	659
+56°827	30.8	+56 44	10.5	F8V	255
22359	30.8	-60 55	7.6	F8IV-V	457 705
22373	31.0	+34 50	8.1	F9V	38
22374	31.0	+22 54	6.7	B9p	26 555
				A2p	174
22401	31.2	+47 15	7.6	A0V	34 287 445 687
22403	31.2	+25 40	8.2	G2V	659 sb
+56°828	31.3	+56 22	10.7	F2V	255
237162	31.4	+57 10	9.0	K2V	255
22451	31.6	+52 30	8.0	F7V	384
				F5Ib,F5II	51
22470	31.7	-17 48	5.3	A2V	641 645
22484	31.8	+00 05	4.3	F7IV	41
				F8V	45 106 156 287 288 296 653 665 677 714 725
22496	31.9	-48 46	9.1	K7V	705 713 717 519

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	3h				
22508	32.1	+57 58	9.2	F2V	255
BK Per	32.3	+51 49	14.9	R	93 765 v
22538	32.4	+19 01	7.7	Am	26
237153	32.6	+58 34	10.7	B6Iab	671
22611	33.2	+62 19	6.9	N	6
				$C6_4e$	259 v
22615	33.2	+20 35	6.4	A4III	194
+55°808	33.3	+55 56	10.7	G0V	255
+55°809	33.3	+55 24	11.2	G5V	255
22649	33.5	+62 54	5.3	S5,3	98 140 sb?(174:S)
237166	33.5	+56 36	10.0	F0V	255
22663	33.5	-40 36	4.6	K0III	645
22678	33.7	+57 11	8.6	K0III	255
22689	33.8	+80 00	6.7	M5III	2 765 v
232820	33.9	+51 11	8.9	N	6 93 v
+26°595	34.1	+26 40	8.3	G8III	253
+55°810	34.2	+55 38	10.3	G5IV	255
237167	34.5	+55 32	11.4	K3III	255
22789	34.6	-28 16	6.0	A0V	456 460 641 645 714
22805	34.8	+25 00	6.2	A2V	194 sb?
+55°813	34.9	+55 24	11.3	G5III	255
+57°738	35.0	+57 40	10.8	F5V	255
+55°814	35.0	+55 55	11.2	K0III	255
22844	35.1	+56 04	8.2	G5III	255
22849	35.1	+29 10	8.6	K1IV	471 659
22872	35.3	+50 51	7.9	F9V	38 687
22879	35.3	-03 32	6.7	F9V	253 296 615 714
+54°706	35.7	+55 01	11.3	G8IV	255
22928	35.8	+47 28	3.0	B5III	22 30 34 50 65 105 126 128 131 152 289 304 483 486 529 530 584 598 687 728 729 732 658 sb
22946	35.9	-43 05	8.2	F8V	465 705
22951	36.0	+33 39	5.0	B0,5V	74 105 126 129 152 251 466 483 486 531 598 728 729 128 vb sb
+58°645	36.1	+58 24	10.6	F5V	255
23016	36.6	+19 23	5.5	B8V(e?)	194 sb
+55°819	36.8	+55 58	11.2	G8IV	255
23049	36.9	+48 13	6.3	K4III	387
23050	36.9	+42 17	7.5	G2V	253 714
23060	37.0	+33 48	7.5	B2Vp	257 483 598 172
23061	37.0	+24 11	9.9	F5V	122
23089/90	37.3	+63 02	5.0	G0III + A3V	177 112
23107	37.4	+38 04	7.4	K5III	38
23129	37.6	+58 32	8.5	F5V	255
23141	37.7	+26 04	8.0	K0III	38
				K1III	659
237169	37.8	+58 00	9.0	G8III	255
23152	37.8	+57 33	8.6	F5V	255
237163	37.8	+55 41	9.3	A3II	671
23156	37.8	+24 04	8.2	A7V	122
23157	37.8	+23 21	8.2	A9V	122 sb
23158	37.8	+23 18	10.3	F5V	122
23169	37.9	+25 25	8.5	G2V	659
23180	38.0	+31 58	3.9	BIII	257 sb
				B1II-III	197 486
				B1III+B1	766
				B1III	42 65 74 126 129 135 172 251 304 466 483 529 531 584 598 665 728 729 732 128
				B1IV	22 507 640 698 758 sb
	38.0	+24 34	10.2	F6V	122
23183	38.0	+19 21	6.3	G8III	62
				K0III	253 459 469 475 514 714
23193	38.0	+36 09	5.6	A3III	194 714
				A4(p)	555
+57°743	38.1	+57 47	10.8	G8V	255
+56°837	38.1	+56 41	10.4	F0V	255
AC Per	38.1	+44 28	10.2	N	6 v
23194	38.1	+24 15	8.1	A5V	122 214
23218	38.3	+56 03	8.5	F2III	255
232848	38.3	+50 34	8.7	G8II	665
+31°643	38.3	+31 51	8.2	B5V	89 257 410 645
232830	38.4	+52 05	9.0	F0II	665
23230	38.4	+42 16	3.9	F4II	665
				F5II	42 101 106 112 131 155 399 469 529 535 763 v
23243	38.5	+52 38	9.2	B9III	665
	38.5	+24 49	9.1	F2V	122
23246	38.5	+24 05	8.2	A8V	122
23249	38.5	-10 06	3.5	K0IV	53 82 106 145 156 178 187 196 259 287 288 296 299 362 467 471 518 640 641 645 646 653 665 714 705 725 758
23257	38.6	+27 37	7.6	G5V	659
23258	38.7	+20 37	6.0	A0V	194 sb
23269	38.7	+24 31	9.8	F9V	122
23278	38.8	+58 39	9.0	G8II	255
237176	38.8	+56 59	8.6	K5III	255
237178	38.8	+56 15	8.8	G2III	255
23281	38.8	-10 48	5.7	Am	422 516 555
23288	38.9	+23 59	5.4	B7IV	82 105 122 126 131 172 152 455 483 646 729
				B8V	584
23289	38.9	+22 58	9.4	F3V	122
23302	39.0	+23 48	3.8	B5V	640
				B5ne	22
				B6III	105 122 131 455 483 486 584 598 646 728 729 732
	39.0	+24 07	10.4	G0V	122
23308	39.0	-46 16	6.5	F8V	711
+58°651	39.1	+58 26	10.9	G5III	255
+55°823	39.1	+55 21	11.5	K2III	255
+56°840	39.2	+56 41	11.2	K2III	255
232833	39.2	+50 54	9.4	A1V	665
23324	39.2	+24 32	5.6	B7V	584
				B8V	82 122 131 172 455 483 194
23325	39.2	+23 57	9.2	Am?	122
23326	39.2	+23 24	8.8	F2V	122
23338	39.3	+24 10	4.4	B6IV	455 584
				B6V	105 122 126 131 152 172 483 728 729 732
23351	39.4	+24 37	9.0	F3V	122 sb
23352	39.4	+24 34	9.8	F5V	122
23359	39.5	+48 29	8.4	F8Ib:	51
				F8Ib-II	384
23361	39.5	+23 44	8.0	A3V	122
23363	39.5	-01 29	5.1	B7IV	641 645 sb
+56°842	39.6	+56 34	10.7	G5III	255
23375	39.6	+24 10	9.1	A9V	122 sb
23386	39.7	+24 36	9.8	G0V	122
	39.7	+24 19	9.7	F9V	122
23387	39.7	+24 02	8.2	A1V	122 299 483
	39.7	+23 59	9.4	F5V	122
	39.7	+23 46	10.1	F9V	122
23393	39.7	-12 22	8.2	F0III	38
23401	39.8	+71 01	4.7	A3IV	81
237180	39.8	+58 38	9.2	K2II	255
232835	39.9	+54 29	8.6	F0III	255
23408	39.9	+24 04	4.0	B7III	105 122 126 131 152 172 584 483 692 729 732
				B9s	22 sb
23409	39.9	+23 44	7.8	A2V	122
23432	40.0	+24 15	5.8	B8V	122 126 131 152 172 194 483 584
23439	40.1	+41 10	7.6	K1V	253 296 vb
				K1+K2V	714
23441	40.1	+24 13	6.5	B9V	122 131 483
				B9,5V	194
23450	40.2	+66 51	7.7	G8III	38

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	3h				
232836	40.2	+53 47	8.9	F6V	554
23452	40.2	+51 13	7.2	A0V	554
				A1V	665
23456	40.2	-50 58	7.0	G1V	705 713 714
+57°746	40.3	+58 00	10.5	F2V	255
- 237181	40.3	+56 49	10.4	A4Ib	671
232837	40.3	+53 06	9.5	F6V	554
				G0Ib	665
23464	40.3	+22 50	8.8	G0V	122
23466	40.4	+05 44	5.4	B3V	105 130 598 vb sb
23476	40.4	+57 28	8.5	G5V	255
+56°844	40.4	+56 58	10.7	G0III	255
23478	40.4	+32 00	6.6	B3IV	257 483 486 598 728
					729 172 sb
23479	40.4	+23 53	8.2	A7V	122
	40.4	+24 16	10.4	G0V	122 126
23480	40.4	+23 39	4.2	B6IV	131 152 584 640 646
				B6IVnn	105 122 729
				B6Vnn	483
				B7III	50
23484	40.4	-38 36	7.0	K0V	457 677 705 714 sb
23486	40.5	+55 49	8.6	G2IV	255
23489	40.5	+23 57	7.0	A2V	122 214 483
23502	40.6	+10 15	7.7	G8III	38
23511	40.7	+23 48	9.3	F4V	122
23512	40.7	+23 19	8.1	A0V	122 sb
	40.7	+23 29	10.2	G6V	122
23513	40.8	+22 49	9.8	F5V	122 sb
23524	40.9	+51 44	8.4	G6IV	554 vb
23526	40.9	+06 30	5.8	G9III	117
	40.9	+23 16	10.5	G0V	122
23565	41.1	+51 31	7.8	G5V	554
23567	41.1	+24 31	8.6	A9V	122
23568	41.1	+24 13	6.7	B9,5V	122
23581	41.2	+51 05	7.5	K0III	665
				K0V	554
AH Tau	41.2	+24 48	11.8	G1p	182 765 sb
23584	41.2	+23 59	9.8	F6V	122
23585	41.2	+23 42	8.4	A9V	122
232843	41.4	+51 39	8.4	K0III	665
				K0IV	554
23607	41.4	+23 50	8.1	A7V	122
23608	41.4	+23 49	8.7	F3V	122
WX Cam	41.5	+52 53	10.0	S5,8	140 v
23623	41.5	+50 33	7.4	F2V	554
				F6pV	387
23625	41.5	+33 18	6.4	B2V	257 483 486 598 172 vb
				B3V	728 729 sb
23628	41.5	+24 17	7.3	A4V	122 224 299
23629	41.5	+23 48	8.1	A0V	122 sb
23630	41.5	+23 48	3.0	B7III	105 122 126 131 483
					584 641 642 598 646
					728 729 732
				B8III	529 530 758
				B8IIIe	640
23631	41.5	+23 36	7.3	A2V	122 483
23632	41.5	+23 30	6.8	A1V	122 483
+57°748	41.6	+58 03	11.6	K0III	255
23642	41.6	+24 00	6.8	A0V	122 166 483 sb
23643	41.6	+23 24	8.1	A3V	122 sb
23650	41.7	+58 28	8.9	G2V	255
23674	41.9	+54 25	8.0	F2III	255
23675	41.9	+52 21	6.8	B0Ib	665
				B0III	642
				B0,5III	74 197 251 257 482
					486
	41.9	+23 38	9.9	F8V	122
23713	42.2	+23 50	9.8	F6V	122
23727	42.3	+50 54	8.9	A0IV	665
23732	42.3	+24 55	9.1	F4V	122
23733	42.3	+24 01	8.7	A9V	122
+56°848	42.4	+56 46	10.9	G8III	255
	42.4	+23 20	10.1	F9V	122
	42.5	+23 44	10.0	F8V	122
23753	42.5	+23 08	5.5	B8V	122 131 194 483
23754	42.5	-23 33	4.3	F3V	645

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	3h				
23763	42.6	+24 03	6.6	A1V	122 299 214
23778	42.7	+23 53	9.4	F4V	122
	42.7	+23 08	10.3	G0V	122
23791	42.8	+22 58	8.7	A8V	122
23793	42.8	+10 50	5.0	B3V	105 130 598 vb v
23800	42.9	+52 11	6.9	B1IV	74 197 251 257 486
+51°786	42.9	+51 42	9.2	A4III	665
23806	42.9	+02 28	8.3	F2:V:	38
23817	42.9	-65 07	3.8	K0IV	457 471 645 714 sb
				K2III	299
237184	43.0	+55 49	9.8	F8IV	255
23820	43.0	+54 29	7.8	F8V	255
275877	43.0	+38 40	8.9	A2II+B6	682 765 sb v
23825	43.0	+10 31	7.9	G3IV	38
237185	43.1	+57 32	9.0	F2V	255
23837	43.1	+55 03	8.3	F8V	255
23841	43.1	+09 21	7.0	K1III	62
				K2III	253 469 475
+56°851	43.2	+56 52	11.5	G8III	255
23848	43.2	+32 48	5.1	A2V	194 sb
23850	43.2	+23 45	3.8	B8III	81 122 131 172 194
					483 584 598 640 641
					714 732 v
23860	43.3	+51 39	9.4	A0V	554
				A2V	665
23862	43.3	+23 51	5.2	B8p	76 122 483 131 v
23863	43.3	+23 36	8.6	A7V	122
23872	43.4	+24 06	8.1	A2V	122
+54°716	43.4	+54 56	12.1	G8III	255
23873	43.4	+24 05	6.6	B9,5V	122
				A0V	483
23886	43.5	+23 57	7.9	A3V	122
23912	43.7	+23 05	9.1	F3V	122
232847	43.8	+53 14	9.0	G8IV	554
23923	43.8	+23 25	6.1	B8V	194
				B9V	122 483
23924	43.8	+23 03	8.6	A7V	122
+55°829	43.9	+55 10	9.3	K0III	255
232849	43.9	+51 03	9.9	A1V	554 665
23933	43.9	+52 13	8.7	A5III	554
				A7III	665
23945	44.0	+53 49	8.2	A9II	554 665
23950	44.0	+21 57	5.9	B8III	194
23962	44.1	+33 45	7.4	K5III	38
23964	44.1	+23 33	6.7	A0p	122 sb
237188	44.3	+56 52	9.1	F0V	255
24000	44.4	+29 27	8.7	A2V	253 658
24002	44.4	+01 04	8.6	K1V	253 296
+55°831	44.5	+55 16	11.0	F0V	255
24076	45.0	+23 40	6.8	A2V	122 299
237189	45.1	+55 32	10.0	F2V	255
232850	45.1	+51 03	9.6	A9III	665
				F0V	554
24094	45.2	+53 12	8.0	B1III	665
EZ Per	45.2	+43 28	13.6	R	765 v
WX Cam	45.3	+53 03	10.0	S5,8	98 v
24107	45.3	-04 12	7.5	K1II	38
24116	45.4	+63 02	8.2	B7II	671
24129	45.5	+50 46	7.5	B9II	665
				A0III	554
24131	45.5	+34 03	5.8	B1V	74 129 172 251 257
					300 466 483 486 598
					728 729 128
24132	45.5	+24 13	8.8	F2V	122
+58°662	45.6	+58 40	11.3	G0V	255
24141	45.6	+57 40	5.8	Am	181 559
24142	45.6	+51 58	8.2	G8III	554
				K0II	665
	45.6	+51 46	10.0	N	93
24154	45.7	+21 44	6.6	K0III	117
24155	45.7	+12 45	6.2	B9II-III	194
24160	45.7	-36 30	4.2	G5III	645
24189	46.0	+52 16	8.5	F6V	554
24190	46.0	+33 53	7.5	B2V	257 483 598 172
				B5V	728 729 sb
24202	46.0	-64 38	9.2	G2V	618 711 sb?

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	3h				
24203	46.1	+52 59	7.9	G0V	554
	46.1	+52 56	11.1	B1V	257
237191	46.3	+57 07	9.0	G0IV	255
232854	46.3	+54 37	9.2	F8V	255
24227	46.3	+50 39	8.4	B9V	554
				A0III	665
24244	46.4	-01 41	9.3	M4:III	2 765 v
	46.5	+56 33	11.2	B6Ia	671
232852	46.5	+52 12	10.1	F8V	554
24275	46.7	+51 15	8.1	A2V	554 665
	46.7	+46 35	10.2	B2:IV:nne	257
+57°754	46.8	+57 26	11.4	K2III	255
237193	46.9	+57 55	9.0	G8V	255
24301	46.9	+26 22	8.0	G0IV	38 659
237194	47.0	+58 38	9.1	F5III	255
+54°720	47.0	+54 55	10.2	A0II	671
24331	47.1	-42 53	8.6	K2V	457
24341	47.3	+52 08	7.8	G1V	554
24350	47.4	+56 12	8.2	G0II	255
+55°833	47.4	+56 03	11.4	G0V	255
+55°834	47.4	+55 43	11.1	G0III	255
24357	47.4	+17 02	6.0	F4V	31
24365	47.5	+27 50	7.9	G8V	659
24376	47.6	+52 06	9.2	B9V	554
				B9,5V	665
24386	47.7	+53 15	8.6	F8V	554
24395	47.8	+56 37	6.8	A7II	671
+54°721	47.8	+54 27	11.6	G5V	255
24398	47.8	+31 35	2.9	B1I	22 758 sb (172:07)
				B1Ib	30 42 50 55 65 74
					83 126 129 131 135
					137 172 251 306 399
					455 466 483 486 507
					529 530 531 598 640
					641 698 728 729 128
24399	47.8	+26 36	7.5	G8II	659
24410	47.9	+57 22	9.4	M8III	255
24430	48.1	+57 37	8.6	G5III	255
232857	48.1	+52 30	9.5	F5V	554
24431	48.1	+52 21	6.7	O8	48
				O9IV-V	74 251 257 139
24432	48.1	+48 45	6.8	B3II	74 141 251 257 486
					598
				B3III	135
24450	48.2	-74 49	8.0	F0V	457
+56°861	48.4	+56 29	10.4	F2V	255
24479	48.6	+62 47	4.9	(B9)III	584
				B9V	81
237198	48.6	+58 11	9.0	G5III	255
237196	48.6	+57 29	8.6	G8III	255
24503	48.8	+52 14	8.8	B9III	665
				A0V	531
24504	48.8	+47 35	5.3	B6V	105 131 665
24505	48.8	+27 54	8.1	G5III	659
24512	48.8	-74 33	3.3	M0III	457 645 714
				M2II-III	287 440
				M2III	472 640 641
237200	49.0	+55 36	10.2	G0V	255
24534	49.1	+30 45	6.1	Ope	74 129 139 251 257
					598 729 765 128
				B0nneOpe	682 173:B0:pe
24546	49.2	+50 24	5.5	F5IV	47
				F5V	45 106 714 sb
24550	49.2	+04 53	7.6	F3II-III	47
24555	49.3	-03 15	5.0	G6II-III	
				+ A1V	313 sb
				G8III	53 106
24587	49.5	-24 55	4.7	B5V	640 sb
+54°724	49.7	+54 37	10.9	G0V	255
+50°863	49.7	+50 47	9.1	A1IV	665
+56°860	49.8	+56 55	10.5	G5III	255
232861	49.8	+51 53	9.2	A2V	665
232862	49.8	+50 34	8.8	G8II	665
24622	49.8	-00 17	8.3	F3IV	38
24626	49.8	-35 02	5.1	B6IV	460
+55°837	50.0	+55 38	9.6	B2Ib	251 257 486
24640	50.0	+34 47	5.5	B2V	105 172 466 483 728
					729 732 sb v
+52°729	50.1	+52 25	10.1	B2Iab	257
24678	50.3	+58 20	8.2	F8IV	255
+55°837	50.3	+55 39	9.2	B2Ib	141
24688	50.4	+51 50	8.0	K0III	554
237201	50.5	+56 43	8.8	K3IIp	255
+54°725	50.5	+54 56	11.9	G5III	255
24706	50.5	-47 12	5.9	K3III	645 713 714
24708	50.6	+51 26	8.0	F0IV	554
24712	50.6	-12 24	5.9	A5-F0(p)	555
24723	50.8	+53 47	8.9	A7III	665
24733	50.9	+53 42	6.9	A7V	554 sb
24744/5	50.9	-40 40	5.6	K0III+A5	422 sb v
	51.0	+56 56	10.1	O7,5	139 251 257
+56°863	51.0	+56 25	10.3	G0V	255
24758	51.1	+57 42	9.0	K0III	255
+56°864	51.1	+56 56	9.7	O6nn	139 251 257
+51°815	51.1	+52 06	9.5	B6V	665
24760	51.1	+39 43	2.9	B0,5III	22 507 530 640 641
					698 758 vb sb
				B0,5IV	728 729
				B0,5IV-V	13
				B0,5V	34 50 55 65 83 126
					128 130 131 251 289
					300 306 486 510 529
					531 584 598 732
24768	51.2	+25 00	7.5	G8III	117 659
24769	51.2	+22 54	6.0	B9,5IV	194 sb
237202	51.2	+56 17	8.8	G8IV	255
24775	51.3	+51 13	7.8	K2Ib	554
				K3Ib	665
+56°866	51.4	+56 49	10.3	O9V	139 251 257
24808	51.6	+58 12	8.7	F0V	255
+58°677	51.8	+58 26	10.8	F8V	255
232864	51.9	+52 02	9.1	B1IV	665
24853	52.0	+57 36	8.8	F0IV	255
237204	52.4	+56 37	9.1	B0,5V	251 257
FL Per	52.5	+46 10	14.5	N	765 v
24912	52.5	+35 30	4.0	O7	50 74 76 115 126 135131
					139 251 257 379 483 172
					507 531 532 595 598
					599 641 728 758 v
				O7I	700 sb
				O7f	730 736
				B5V	665
+55°838	52.8	+55 13	9.3	B3Ib	251 257 486
	53.0	+11 35	10.3	B2	308
24979	53.1	+52 42	9.0	B9V	554
				A0V	665
24982	53.1	+38 31	6.4	A1V	194
+58°681	53.3	+58 15	10.6	G2V	255
25025	53.4	-13 48	3.2	K5II	640 641 705
				M0III	138 472 645 714
+57°753	53.5	+57 22	10.1	F5V	255
25030	53.5	+51 53	8.6	K1Ib	554 665
+58°682	53.6	+58 17	11.2	G5IV	255
+54°729	53.7	+54 35	11.2	G5IV	255
25056	53.8	+53 35	7.4	F9Ib	47
				G0I,G0Ib	51
				G0Ib	384 469 554
				G0II	665
25102	54.2	+10.02	6.4	F5V	31
+56°870	54.4	+56 21	11.7	K0III	255
+23°601	54.4	+23 15	10.3	B2	308
232874	54.5	+53 27	8.8	B0,5V	251 257 486
				B1III	665
25140	54.6	+58 38	8.8	G0II	255
+56°871	54.6	+56 29	11.7	G0IV	255
25141	54.6	+52 36	8.6	B5V	554 665
25150	54.7	+56 07	8.3	G8III	255
	54.7	+52 33	10.6	B1?p	257
25152	54.7	+36 42	6.3	B9,5V	194
232875	54.8	+51 23	9.8	G9II	665
				K0III	554
+19°641	54.8	+20 06	8.6	G4V	31

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	3h				
25173	54.9	+74 55	7.2	F8V	253 714
25174	54.9	+55 58	7.8	FOIII	255
+52°744	54.9	+52 28	9.1	G9III	665
25175	54.9	+17 00	6.3	B9,5V	194
25189	55.0	-20 37	7.7	K2II	38
25193	55.1	+51 52	9.0	G8IV	554
				K0III	665
25202	55.1	+17 55	5.8	F4V	31 sb
25204	55.1	+12 12	3.8	B3V	105 584 640 641 729 765 sb v
				B3Vp	728
				B3V + A4IV	180 766
25215	55.2	+52 29	8.8	B9II	665
237211	55.3	+56 15	9.0	09,5I?p	139 251 257
25235	55.4	+52 21	8.9	B9V	554
				A0V	665
+57°770	55.5				
+51°838	55.6	+57 09	10.9	K0III	255
+51°837	55.6	+51 12	9.3	A5III	665
25267	55.7	+51 33	9.5	AIV	665
		-24 18	4.6	A0III	640 705 sb
+56°874	56.0			A0p	35 555
25291	56.1	+56 46	10.2	G0V	255
		+58 53	5.1	F0II	106 112 126 152 155 469 665
+57°771	56.1			F2Ia	671
25292	56.1	+57 24	10.5	G0V	255
25293	56.1	+53 00	7.6	F8V	554
25296	56.1	+48 34	6.9	F7nIV	387
25305	56.2	+27 52	7.2	G8III	117 659
		+51 37	8.6	A2Ib	665
25322	56.3			A4Ib	554
25329	56.4	+22 09	8.2	F5V	38
		+35 03	8.5	K1V	253 296 462 463 677 714 sb?
237213	56.5				
25337	56.5	+55 43	8.7	B3Ia	141 251 257 486
25340	56.5	+55 28	8.6	K0III	255
25346	56.5	-01 50	5.2	B5V	105 130 598 645
		-57 23	6.1	F2III	456 705
+58°693	56.6			F3IV	641 645
25347	56.6	+58 13	11.2	F5V	255
25348	56.6	+56 28	8.0	G5III	255
25349	56.6	+53 03	8.3	B1Vpnne	251 257
25354	56.6	+52 29	9.2	B9,5V	665
	56.6	+37 47	7.9	A0p	174 555
25361	56.7	+59 34	11.6	A5Ib	671
	56.7	+58 23	8.1	G0Ia	671 v
25362	56.7			G2Ib-K2	765
	56.8	+54 48	6.6	F2IV	255
25391	57.0	+57 10	11.5	F4II	671
25408	57.2	+14 47	8.0	G0V:	38
25422	57.2	+61 32	7.6	R8($C5_3$)	6 1 308 v
25443	57.4	-61 41	4.6	M2III	645
25457	57.5	+61 48	6.7	B0,5III	197 251 257 486
25461	57.6	-00 33	5.4	F6V	53 106 677 705 714
+57°773	57.7	+28 56	8.2	K1V	659
25487	57.8	+58 08	10.3	Am	555
25490	57.8	+27 51	8.0	B8Ve+K0IV	179 407 sb v
		+05 43	3.9	A1V	81 299 472 640 641 714
25517	58.1				
25518	58.1	+44 00	8.9	B1V	141 251 257 486
25532	58.2	+38 38	8.1	F5IV	38
25539	58.3	+23 08	8.2	F6IV-V	253
+57°774	58.4	+32 18	6.8	B3V	598
25555/6	58.4	+57 20	10.3	F2IV	255
+55°878	58.5	+23 50	5.7	G0III+A4V	177 vb
25558	58.5	+56 17	11.0	K0III	255
25570	58.5	+05 09	5.3	B3V	105 130 598
		+07 55	5.5	F2V	710
+58°702	58.6			F4V	31
25587	58.6	+58 12	11.0	G5V	255
25602	58.8	-27 46	7.4	F8V	457 705
25604	58.8	+53 45	6.2	K0III-IV	117 469 714
		+21 49	4.5	K0III	53 101 106 469 475 535 714
25621	58.9				
	58.9	+02 33	5.4	F6IV	53 106 714
	58.9	+55 14	11.8	(B9)II	584
		+22 57	10.7	R0	308

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	3h				
25638/9	59.1	+62 04	7.0	B0II-III	141 251 482 486 sb+sb
25641	59.1	+56 28	7.6	K0IV	255
25642	59.1	+50 05	4.3	B9V	81 714 732
25661	59.2	-20 26	7.4	K2II	38
25666	59.3	+57 05	9.4	G0V	255
25704	59.5	-57 30	7.9	F6V	705 713
+24°620	59.6	+24 27	9.1:	S4,2	140 v
25725	59.7	-16 00	8.3	M6II	2 646 765 v
25749	59.9	+14 02	7.6	G9III-II	38
	4h				
25799	00.3	+32 06	7.0	B3V	598 sb
25823	00.5	+27 20	5.3	A0p	174 555 194
25833	00.6	+33 11	6.6	B5p(V)	598 sb
25834	00.6	+30 00	8.0	K1II	659
25877	00.9	+59 40	6.5	G8II	117 469
+56°882	00.9	+56 35	11.3	K0IV	255
25914	01.2	+56 50	8.1	B6Ia	141 251 257 486
25921	01.2	-10 34	7.3	M4III	38
25939	01.4	+56 11	8.5	K5III	255
25940	01.4	+47 27	4.0	B3V	584 v
				B3Vp	105 128 130 486 598 697
				B3eV	122
				B3Vpe	729
25945	01.4	-27 56	5.6	F0V	457 645 705 714
25975	01.7	+37 28	6.2	K1III	253 469 475 714
26004	01.9	-19 47	7.6	K0II	38
+55°849	02.0	+55 44	11.2	K2V	255
26039	02.3	+16 16	7.5	B9m	26
26076	02.6	+71 52	6.1	K1III	117
26081	02.6	+25 38	7.4	G8II	659
26090	02.7	+28 56	8.6	G0IV	659
+24°620	02.7	+24 36	9.2:	S4,2	98 v
	03.0	+51 11	9.8	N	93
26126	03.0	+28 24	9.0	F8V	659
	03.2	+52 26	10.4	N	93
26151	03.2	-27 41	8.2	K0V	465 705 sb
26171	03.4	+13 08	6.0	B9,5V	194
+50°920	04.0	+51 04	9.5	R	93 765 v
				R3	6
26234	04.0	+41 57	8.2	M5III	2 138 765 v
26297	04.5	-16 10	7.7	G1V	38
26298	04.5	-16 40	8.9	F2V	253 658
	04.8	+50 54	10.6	N	93
26326	04.7	-16 39	5.4	B3V	105
26345	04.9	+18 10	6.6	F6V	31
26356	05.0	+83 34	5.4	B5V	105 131
26372	05.1	+26 15	8.7	F8V	659
26395	05.4	+42 39	8.2	F4V	38 sb
	06.0	+48 06	8.6	R	93
26462	06.0	+05 16	5.7	F4V	31
26571	07.0	+22 09	6.2	B8II-III	194 sb
26574	07.0	-07 06	4.1	F2II-III	112 299
				F2III	645
26596	07.3	+54 44	8.0	F9IV:	38
26605	07.4	+37 43	6.6	G9III	117
26630	07.6	+48 09	4.3	G0Ib	42 48 101 112 145 178 259 405 469 535 665 sb
26659	08.0	+83 06	5.7	G8III	253 714
26673/4	08.1	+48 14	4.9	G2I +B	51 sb
				G5Ib+A2	147 112
				G5II+A,B	384
				K2III+A6V	177
26690	08.2	+07 28	5.4	F3V	106 112 714 sb
26710	08.4	+26 00	7.6	G2V	659
26717	08.5	+62 20	8.0	F7V	38
26737	08.6	+22 12	7.0	F5V	31
26739	08.6	-01 24	6.3	B5V	495
+50°961	08.9	+50 23	9.5	Ne	6 765 v
				N	93
				Ce	259
26766	08.9	+29 39	7.3	K1IV	471 659
26770	08.9	-28 48	7.4	G0V+G0V	465 sb
				G0V	705
				G0 +G0V	714

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	4h				
26823	09.4	-71 54	8.4	F6V	705 713
26846	09.6	-10 30	5.1	K2III	
				+ G2V	313
				K3III	
				+ G2V	714
				K3III	53 106 253 705 vb
26874	09.8	+20 34	8.1	G4V	31
26911	10.1	+15 09	6.4	F5V	31 v
26912	10.1	+08 39	4.3	B3V	105 130 598 640 641
					728 729 732 sb
26923	10.2	+05 57	6.5	GOIV	
				+ G5IV	313
26965	10.7	-07 49	4.4	KOV	178 187
				K1V	253 296 467 677 714
				K1V+WA	
				+ dM4,5e	295 ts
26967	10.7	-42 32	3.8	K1III	645
27022	11.3	+64 54	5.4	G2III	287 714 27
				G5III	53 101 106 112 145
					178 458 469 475 535
					714 160
+31°746	11.3	+31 11	9.5	FO(p)	555
27045	11.4	+20 20	4.8	Am	25 112 289 472 516
					555 629 724
BO Tau	11.7	+26 01	12.3	R4	765
	11.8	+46 55	9.1	R	93
27108	11.8	+26 06	10.9	R4	6
				R5	308
27129	11.9	+22 06	8.2	F5IV	38
27135	12.0	+70 36	8.2	F4III	38
27176	12.4	+21 20	5.6	A8V	31
+56°790	12.6	+57 12	10.4	F8-G8Ib	46 765 v
				GO-G5Ib	211
27192	12.6	+50 41	5.5	B2IV	130 197 598
GM Per	13.0	+40 53	(9.0)	N	6 765 v
27256	13.1	-62 43	3.4	G6II	640 641 645 705 714
276247	13.3	+42 04	9.9	A5V+gGO	104 sb v
27274	13.3	-53 34	7.1	K5V	457 677 705 714
	13.4	+36 15		M3V	423 vb
27290	13.4	-51 44	4.4	FOV	472 714
				F5V	645 v
27295	13.5	+20 55	5.4	B9Vp?	194 sb
27309	13.6	+21 32	5.3	AOp	555 194
27348	13.9	+34 20	5.1	G8III	53 101 106 469 475
					535 714
SX Cam	14.1	+68 00	11.0	S6,3:	98 v
27371	14.1	+15 23	3.9	G9III	31 v
				KOIII	53 65 71 94 78 101
					106 142 145 156 178
					203 475 535 653 687
					714
				KOIII+dK5	469
				K2III	640 641
27372	14.1	+14 03	7.8	G7III	38
27376	14.1	-34 03	3.6	B8,5V	439 640 705 714 sb
	14.2	+46 48	10.7	N	93
27382	14.2	+27 07	5.1	K1III	53 101 106 469 475
					535
27383	14.2	+16 18	6.9	F9V	31
27396	14.3	+46 16	4.9	B3V	584 v
				B6III	105
27397	14.3	+13 48	5.6	F3V	31 sb
27411	14.4	-23 13	6.1	Am	422 555
27429	14.6	+18 29	6.0	F3:V	31 sb
27459	14.9	+14 52	5.3	FOV	31
27483	15.2	+13 38	6.1	F6V	31 sb
27498	15.3	-02 52	7.3	M4III	38
27561	15.9	+14 11	6.7	F5V	31
27563	15.9	-07 50	5.8	B5III	456
27598	16.2	-17 04	7.3	M5II	38
27604	16.2	-53 06	6.0	F5IV	456 705
27616	16.3	-20 52	5.3	A2V	641 645
	16.4	+47 39	11.3	N	93
27628	16.4	+13 50	5.8	Am	18 47 555 629 714
				A3p	31 sb
27638	16.5	+25 23	5.4	B9,5V	194 vb
GS Per	17.0	+41 41	14.1	Sp	765 v
27685	17.0	+16 34	7.8	G4V	31
27697	17.2	+17 18	3.9	KOIII	31 53 65 71 78 94 101
					106 112 131 142 145
					156 177 178 203 259
					469 475 535 653 687
				K2III	714 v
232947	17.6	+53 11	9.3	BOIa	141 251 257 486
27741	17.6	+27 58	9.2	GOV	659
27742	17.6	+20 45	5.9	B9V	194
27749	17.7	+16 32	5.7	Am	18 31 555 629 687
					714 758 194 sb
+51°921	17.7	+51 48	9.6	BOII	251 257 486
	17.9	+51 00	11.5	C	93
27777	18.0	+33 54	5.6	B7V	194
27778	18.0	+24 04	6.2	B3V	194
27816	18.4	+58 01	8.1	F7IV	38
27819	18.4	+17 33	4.8	A7V	112 472 299 687 sb
				A5V	214
				A6V	31
				A2IV	714
27821	18.4	+06 08	8.7	A7V	253 658
	18.7	+50 58	9.1	N	93
27859	18.7	+16 40	8.0	G2V	31
27861	18.7	-03 58	5.2	A1V	645
27901	19.1	+18 49	5.9	F4V	31
-2°891	19.3	-02 47	9.3	M2S	98
27934	19.4	+22 04	4.4	A7V	112 472 714
				A5V	19 31
27946	19.5	+21 58	5.4	A7V	31
27962	19.7	+17 42	4.2	A1V	31
				A2V	174 214 555 640
				A2IV	81 180 299 687
				A3III	194
				Am	710
27971	19.7	+31 13	5.3	K1III	53 106 469 475
28024	20.3	+22 35	4.4	FOIII	31
				FOIII-IV	112 714 sb
28028	20.3	-34 15	4.0	M1III	645
28052	20.7	+15 23	4.6	FOV	31 112 687 sb
28068	20.7	+16 37	8.2	G1V	184
28093	20.8	-63 37	5.2	G7III	645
28100	21.0	+14 29	4.9	G8III	53 101 106 469 475
					535 714
	21.2	+12 27	10.4	MOV	423 vb
28149	21.3	+22 46	5.4	B6V	105
28159	21.4	-00 44	7.5	M1II	38
28168	21.5	+64 14	7.6	M3III	2 765 v
+24°659	21.8	+24 13	9.4	K3V	253 658
28191	21.8	+01 52	6.1	K1III	117
28217	22.0	+10 59	5.8	B7III	194
28226	22.1	+21 24	5.7	Am	18 31 289 555 629
					714
28246	22.2	-44 23	6.1	F6V	456 705 713 714
28257	22.4	+57 11	7.9	M4II-III	2 765 v
28292	22.7	+16 08	5.3	K2III	53 101 106 469 475
					535 714 v
28305	22.8	+18 58	3.6	KOIII	31 53 71 101 106 94
					131 156 178 179 177
					203 469 475 535 653
					687 145 304 714 65
28307	22.8	+15 44	4.0	G8III	31
				KOIII	53 101 106 145 178
					475 535 469 687 714
					259
GI Per	22.9	+33 38	(9.0)	N	6 765 v
28319	23.0	+15 39	3.6	A7III	31 112 126 152 299
					642 646 665 687 714
					763 sb
				A9IV	555 640
				FOV	214
28322	22.9	+01 38	6.1	G9III	117
28344	23.1	+17 03	7.6	G2V	184
28355	23.2	+12 49	5.1	A7V	31
28387	23.5	-18 04	7.5	K5II	38
28395	23.6	+02 09	8.2	F3V	38
28424	23.9	+13 41	7.8	K1III+	62
				K2III	253

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	4h				
WY Cam	23.9	+78 56	11.4	Se	259 v
AT Per	24.0	+45 02	8.0	R	93 v
28446	24.1	+53 42	5.4	BOIII	141 251 729 sb
				BOV	729
28454	24.1	-47 10	6.1	F8V	457 705 714
28459	24.2	+32 14	6.2	B9,5V	194
28471	24.2	-64 19	8.6	G5V	705 713 sb
	24.4	+48 46	10.7	C	93
28485	24.4	+15 25	5.7	FOV	31 sb (A6n:287)
28486	24.4	+14 06	8.0	F7V	38
28487	24.4	+04 56	7.2	M3II	38
28497	24.5	-13 17	5.5	B1Vn	105 251
				B3ne	705
				(B3p)IV	584
28505	24.6	+10 01	6.4	G8III	117
28527	24.8	+15 59	4.8	A6V	31 sb?
				A7V	112 299 472 687 714
28546	24.9	+15 28	5.5	Am	259 555 710 714
				A5p	31
28595	25.3	+14 53	6.6	M3III	253
28677	26.2	+15 38	6.0	F4V	31 sb
28749	26.8	-00 16	5.0	K3II-III	53 106
28867	27.8	+17 48	6.2	B9Vn	194 687
28873	27.8	-45 10	5.2	B3V	645
237287	27.9	+55 13	8.4	K2V	69 296 677
28904	28.1	-45 35	8.3	G5V	705 713
28910	28.2	+14 38	4.8	FOV	112 299 472 714 sb
28930	28.4	+09 12	6.2	G8III	117
+44°993	29.1	+44 38	9.8	B8V	557
29038	29.2	+16 47	7.4	K3III	253 475 714
29065	29.4	-09 11	5.5	KOIII	714
				K4II-III	53 106
				K4III	253
29094/5	29.8	+41 04	4.5	G8II	469 302 sb.
				G8II+B	259
				K4III+A3V	177 112
+43°1021	30.1	+43 56	9.5	AOV	557
29138	30.1	-84 43	7.2	B1I	717 sb
				B1Ik	496 705
+44°995	30.2	+43 57	9.7	KOV	557
29139	30.2	+16 19	1.1	K5III	53 65 71 82 106 131 138 142 145 177 178 203 259 287 299 342 469 472 475 535 640 641 646 665 714 725 726 758 vb
				K5III+dM2	391
29140	30.2	+09 57	4.4	Am	25 112 289 299 472 516 555 629 714 724 sb
29146	30.3	+78 58	8.1	F4V	38
29147	30.3	+65 57	7.7	S4,7e:	98 v
29180	30.6	+44 30	8.0	B2V	557
29203	30.8	+46 02	7.1	G8V	557
	31.2	+47 00	10.8	N	93
29246	31.3	+25 32	9.3	K2III	659
29248	31.3	-03 33	4.1	B2III	102 105 131 197 217 251 350 352 353 360 640 641 645 726 729 765 sb
29260	31.4	+18 20	5.8	F5-F9,5Ib	207
				F6-F9Ib	17 765 sb v
29291	31.7	-30 46	3.9	KOIII	645
+44°998	31.8	+44 16	9.2	F7V	557
29305	31.8	-55 15	3.4	AOIII	439 640 641 555 705
				AOV:	456 645
				AOp	646
29317	32.0	+52 53	5.3	KOIII	53 106 469 475 714 sb
+44°1000	32.0	+44 34	10.1	B7V	557
+43°1029	32.1	+44 05	10.2	KOV	557
29335	32.1	+00 48	5.3	B7V	105
29365	32.4	+20 29	5.7	B8V	194 sb
29373	32.5	+43 28	8.0	B6V	557
AV Per	32.6	+41 26	13.5	N	6v
29388	32.6	+12 19	4.3	A3V	214 sb

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	4h				
				A5V	112 299
				A6V	31
29400	32.7	+66 33	8.3	G8V	253
+44°1003	32.7	+44 46	9.6	B8V	557
AV Per	32.8	+41 26	7.3	N	93 v
	32.9	+12 33	10.0	S6,1:	98
29430	33.0	+43 04	8.8	F2III	557
29435	33.0	-30 55	6.2	B9IV-V	456 460 705
29446	33.1	-45 21	7.2	F8IV-V	705 713 714
29479	33.4	+15 36	5.2	Am	555 629 687 516 714 194
29487	33.5	+43 55	7.3	B8V	557
	33.5	+43 00	9.2	N	93
29488	33.6	+15 43	4.8	A3V	714 sb?
				A5V	112 472 687
				A7V	31
29494	33.6	+43 10	8.6	A7III	557
29503	33.6	-14 30	4.0	K2III	53 106 299 705 645 714 sb
	33.8	+41 18	11.0	N	93
29573	34.3	-12 19	5.0	Am	555 714
29580	34.4	+44 19	8.0	B9p	26 555
				AOIII	557
29587	34.5	+41 57	7.4	G2V	253 296 714
29589	34.5	+12 00	5.4	B7IV	194
+44°1007	34.6	+44 38	9.2	AOV	557
29646	35.1	+28 26	5.7	A2V	194 714
29697	35.5	+20 43	8.0	K3V	470
+45°973	35.8	+45 26	8.6	B3V	557
29737	35.9	-24 41	5.6	G6III	645 sb
-9°956	35.9	-09 24	10.3	M0V	423 sb
29763	36.3	+22 46	4.3	B3V	105 130 598 640 641 728 729 sb
+45°978	36.5	+45 55	9.7	G2V	557
232999	37.0	+50 23	9.4	B1IV	141 251 257 486
+44°1012	37.0	+45 03	9.4	B1V	557
+43°1046	37.1	+43 27	10.0	KOII	557
29875	37.3	-42 03	4.4	F2V	457 705 645 714
29882	37.4	+44 34	7.8	A7V	557
29900	37.6	+46 12	9.4	B9V	557
29907	37.6	-65 39	9.6	G2VI	519
				G4VI	705 519
29936	37.9	-00 47	7.8	F9V	38
29957	38.2	+43 36	7.9	K5III	557
+44°1015	38.4	+44 11	10.0	F7V	557
29992	38.5	-37 20	5.1	F8V	645
+45°981	38.6	+45 33	10.1	AOV	557
30003	38.6	-59 08	6.5	G5V	457 677 705 496
+44°1016	38.7	+44 54	10.0	G8IV	557
+43°1048	38.7	+43 48	9.8	B7V	557
30004	38.7	+43 12	8.6	B3V	557
30020/1	38.8	-08 59	6.7	G6III+F2III	714 vb sb
				G8III+F2pIII	391
30050	39.0	-10 52	8.0	Am+sgG8	259 765 sb
30076	39.3	-08 41	5.9	B2V	353 584
				B2eV	122
30111	39.6	+28 30	7.0	G8III	659
				G9III	117
30121	39.7	+56 35	5.4	Am	555 714
+45°982	39.7	+45 53	9.7	B7V	557
30122	39.7	+23 27	6.2	B5III	194
30123	39.7	+19 08	8.4	B8III	642
30138	39.8	+40 08	5.9	G9III	117
30178	40.2	+45 49	8.0	M2Ib	557
	40.2	+42 39	11.4	C	93
+29°734	40.3	+29 07	9.9	B9V	253 658
30195	40.4	+55 33	8.8	A6V	557
+45°985	40.5	+45 07	10.3	F8V	557
+44°1021	40.5	+45 00	9.7	A3V	557
30210	40.5	+11 31	5.4	Am	18 289 299 555 629 714 194 sb
30211	40.5	-03 26	4.2	B5IV	105 130 131 455 598 640 641 645 646 sb
				B5V	705
30221	40.6	+45 18	7.7	AOIII	557
30243	40.8	+67 59	7.0	N	6 v
				N5($C6_4$)	1

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	4h				
30247	40.8	+14 21	8.2	F2V	38
30255	40.9	+43 29	8.8	A0V	557
283868	40.9	+26 00	9.8	G2eIa-K3p	46 765 v
+44°1025	41.1	+44 19	9.9	G0V	557
30308	41.3	+43 09	7.9	K0III	557
+43°1065	41.4	+43 38	9.4	F7V	557
30388	41.6	+81 02	5.3	K3III	53 101 106 535
+43°1068	41.7	+43 47	10.0	G0V	557
30353	41.8	+43 06	7.7	A5p	32 sb v
				Ape	47 257 28 48
				A5eIap	766
				A5Iap	557
	41.8	+39 08	10.7	N	93
30361	41.8	-47 35	8.5	G1V	457 705
+43°1074	42.2	+44 03	10.0	A5III	557
30409	42.3	+44 03	8.0	B9V	557
30410	42.3	+43 21	8.0	G8V	557
	42.4	+45 36	10.2	N	93
30422	42.4	-28 16	6.0	A3III	645
				A3III-IV	456 460 705
				A3IV	641
30436	42.6	-00 16	8.2	F4III	38
30443	42.7	+34 49	8.9	R4	6
				R8	308
30455	42.8	+18 32	6.8	G2V	215 253 459 509 714 sb
+43°1080	42.9	+43 20	10.1	B7V	557
30466	42.9	+29 24	7.2	A0p	174 555
30467	42.9	+26 50	8.8	F8IV	659
30481	43.0	+43 52	8.8	B5V	557
30485	43.0	+10 45	8.8	G8III	642
30501	43.1	-50 14	7.8	K0V	705 713 714
+43°1085	43.2	+43 39	9.5	F5V	557
+41°974	43.2	+41 30	9.3	Bpe	257
	43.2	+39 45	10.7	N	93
30504	43.2	+37 19	5.1	K4II	53 106 203 387 469 475 714
30545	43.5	+03 25	6.2	K1III	117
30570	43.7	+46 06	8.5	A0III	557
30584	43.8	+44 47	8.0	B6V	557
				B8(V)	664
				B9p	26 555
30585	43.8	+43 19	8.9	B9V	557
	43.8	+42 30	10.0	N	93
30593	43.8	-36 23	8.7	N	6 v
+43°1092	43.9	+43 40	9.0	B9p	26 555
+45°991	44.0	+45 32	10.0	A8V	557
	44.0	+43 31	9.2	N	93
30604	44.0	+70 29	8.6	G0V	253
30612	44.0	-71 07	5.7	B9IV	641 645
30614	44.1	+66 10	4.4	O9,5I	758
				O9,5Ia	42 50 54 135 141 251 379 507 529 530 584 598 599 642 665 700 728 729 sb?
30649	44.4	+45 41	7.1	G1V-VI	253 296 462 714
				G6V	557
30650	44.4	+43 24	7.4	B6V	557
				B7V	664 sb
30652	44.4	+06 47	3.3	F4V	665 v
				F5V	177
				F6V	45 55 65 71 78 83 112 59 106 156 195 287 288 304 341 529 530 640 641 646 653 677 714 726 736 758 763
				F8V	439 179 725 94
30674	44.6	+41 50	9.2	B9,5V	665
30677	44.6	+08 15	7.8	B1V:	495 692 486
30684	44.6	-46 46	8.1	G8V	465 705 714
30694	44.7	-44 26	8.0	F2IV	457 705
30707	44.9	+41 53	7.8	G8III	665
30710	44.9	+15 37	10.1	N	6 v
30736	45.1	+45 46	6.7	F7V	557
30739	45.1	+08 44	4.4	A0V	81 732 sb
30755	45.2	+28 21	8.1	N	6 v
				N3(C52)	765

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	4h				
+43°1102	45.6	+43 08	9.3	B9(II)	664
270754	45.8	-67 18	10.6	B1,5Ia:	477 486
+38°955	45.9	+38 20	8.8	N	6 93 v
30810	45.7	+10 54	6.8	F6V	665 725 vb
30812	45.7	-00 16	7.3	K1III	253
30814	45.7	-16 23	5.2	K0III	53 v
30834	45.9	+36 33	5.0	K3III	53 106 458 469 474 475 714 27
30836	45.9	+05 26	3.8	B2III	55 65 78 83 94 102 105 126 127 152 172 197 251 287 304 483 486 584 598 699 728 729 732 sb
				B2IV	439 640 641 705
30854	46.1	+43 39	8.4	G2V	664
	46.2	+43 40	10.8	N	93
30883	46.3	+41 57	8.9	B9V	664 665
AU Aur	46.6	+49 43	13.5	Ne	6 v
				Ce	259
+43°1110	46.6	+43 54	9.6	B8V	664
	46.6	+40 31	10.1	N	93
30945	46.8	+26 37	9.4	K3III	659
30959	46.9	+14 05	5.2	M3S	98 140 v
30971	47.0	+41 52	8.8	A5V	664
30987	47.1	+44 34	8.0	F0V	664
				F1II	665
30988	47.1	+42 02	8.1	K1III	665
	47.6	+41 18	10.3	N	93
	47.6	+22 35	9.4	N	6
31081	47.7	-76 29	7.7	F8IV-V	457 705
31084	47.8	+43 13	8.0	F9V	664
31085	47.8	+41 36	8.0	F2II	665
				F2V	664
31093	47.8	-35 04	5.8	A1V	456 714 sb
				A1Vn	457 705
31098	47.9	+42 46	7.9	K2III	664
				K4II	665
+43°1123	48.0	+43 29	9.0	B4III	665
31109	48.0	-05 37	4.4	A4n	705
				A9IV	112 646
31118	48.1	+43 15	7.4	K5Ib	664 665
31135	48.2	+43 57	8.9	A0IV	665
				A0V	664
+43°1127	48.5	+43 29	9.7	B9III	664
31178	48.5	+41 58	8.0	G5III	665
				G8III	664
RS Cep	48.6	+80 06	10.2	A5V+GIV	104
				Ae	28 sb
31195	48.7	+44 53	7.9	B7V	664
31203/4	48.7	-53 38	5.5	F0IV	456 705 vb sb
31206	48.8	+43 49	8.9	B9V	664
				A0IV	665
31207	48.8	+43 00	8.1	F5V	664
	48.8	+41 42	10.6	C	93
31220	48.9	+43 20	7.6	M0Ib	664
				M2Ib	665
31231	49.0	+69 56	8.5	F3III + F2III	313 sb
31237	49.0	+02 17	3.6	B2III	55 105 127 172 197 251 584 598 699 728 729 732 765 sb
				B2III-IV	486
				B2IV	439 640 641 705
31244/5	49.0	-51 53	6.6	K3II-III +B5	422 vb
31278	49.3	+53 35	4.4	A1V	81 472 714(A0V)27
+42°1098	49.4	+43 01	9.9	A4V	664
31293	49.4	+30 24	7.5	A0ep	682 v
31295	49.4	+10 00	4.7	A0p	81 555
				A0V	194
31312	49.6	+74 07	6.2	K5III	253
282624	49.6	+30 24	9.3	G2eIII	765 682 v
31324	49.7	+58 28	7.8	G7III	38
+44°1060	49.7	+44 30	9.4	F6V	664
31327	49.7	+36 01	6.2	B2Ib	135 251 257 486 699
				B2III	141
+42°1100	49.8	+42 56	9.2	K0III	664

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	4h				
268654	49.9	-69 36	10.3	B8I	477
31355	50.0	+02 49	8.2	F3IV	38
31373	50.2	+14 53	5.7	B8III	194
31387	50.4	+41 55	9.4	A1IV	664
				A5III	665
31398	50.5	+33 00	2.9	K3II	42 82 101 106 131 141 142 178 187 259 399 469 535 640 641 665 758 145 v
268605	50.5	-67 48	11.0	BOIa:	477
+48°1187	50.6	+48 24	9.2	S5,8:	98 v
31421	50.7	+13 21	4.3	K2III	53 106 469 475 535 714
+43°1139	51.0	+43 04	10.2	G1V	664
31488	51.2	+44 18	8.8	F0III	665
				F0V	664
31501	51.3	+34 07	8.0	G8V	253 296
+44°1066	51.5	+44 18	9.5	A1V	665
31533	51.6	+44 00	8.5	F2III	664
				F4III	665
31534	51.6	+42 30	8.4	G5III	665
				K1II	664
31591	52.0	+42 24	8.6	A7III	665
				A8V	664
31592	52.0	+24 54	5.6	B9,5V?	194 sb
+30°748	52.1	+30 33	9.7	B1,5V	251 257
	52.2	+43 56		B9V	664
31616	52.2	+43 29	8.5	B5III	665
				B7V	664
31617	52.2	+43 11	7.4	B2IV	257 486
268623	52.3	-66 52	11.5	B2Ia	477
+43°1148	52.4	+43 34	9.9	B7V	665
				B8V	664
31647	52.5	+37 44	5.0	A0V	81 82 126 152 472 665 714 vb
				A1V	194
31664	52.6	+41 44	6.7	K0III	664
31678	52.7	+43 11	8.7	B9V	664
268718	52.7	-69 34	10.6	B9Ieq	477 486
31691	52.8	+43 51	7.8	G0II	665
				G8III	664
31705	53.0	+44 42	7.9	F2III	664
31706	53.0	+30 55	8.0	F5IV	38
31722	53.0	-69 34	8.8	A3V	477
31726	53.1	-14 24	5.9	B1V	251 486
31747	53.3	+14 24	8.0	B6V	194
31759	53.4	+41 49	9.2	F2II	665
				F5V	664
31767	53.4	+01 34	4.7	K2II	42 106 145 178 259 469 475 v
268653	53.4	-67 04	10.5	B3I	477
31781	53.5	+26 06	8.6	F8V	659
31782	53.5	+25 47	8.0	K0III	253 475
				K0IV	459 469 471 513
31798	53.6	+07 59	8.5	Ce	259 v
				Ne	765
31805	53.7	+43 25	8.6	F0(III)	664
31826	53.8	-44 21	7.7	K1III-IV	705 713
+44°1076	54.0	+44 12	9.5	F6V	664
31845	54.0	+15 46	6.7	F5V	31 100
+43°1161	54.1	+43 25	8.8	B1IV	665
31866	54.2	+44 15	7.2	A3V	664
+43°1163	54.2	+43 44	10.1	K0II	665
				K1III	664
31867	54.2	+25 00	8.0	G2V	659
268729	54.2	-68 51	10.7	B5I	477
31894	54.4	+43 17	8.4	B2IV	665
31895	54.4	+41 51	8.0	K1II	665
				K3Ib	664
31910	54.5	+60 18	4.2	G0Ib	42 47 101 112 145 162 399 469 535 665
31913	54.5	+39 49	8.0	G0I,F5p	51 v
31923	54.5	-12 55	8.3	F4IV	38
31949	54.7	+42 12	7.7	F8V	664
31964	54.8	+43 41	3.3	A8Ia	47 529
31966	54.8	+14 14	6.7	G5V	100
31975	54.8	-72 35	6.2	F8V	457 705
268757	54.9	-69 20	10.5	G5:Ia	452 477
31991	55.0	+44 52	8.4	F2V	664
+43°1167	55.0	+43 50	10.0	K0IV	664
				K1II	665
+43°1168	55.0	+43 42	9.4	B9Iab	141 251 257 486
31996	55.0	-14 57	6.1	Ne	6 v
				C7₄e	259
				N6e(C76e)	765 646 1
268675	55.0	-66 53	10.7	A0Ia	477
+44°1081	55.2	+44 29	9.6	B8V	664
				A3V	665
+44°1080	55.2	+44 07	8.8	B5V	664
				B6III	665
32023	55.2	+00 52	9.1	F8V	253 459
32024	55.2	-00 20	8.2	F4III	38
32034	55.2	-67 20	10.1	B9Ia	477
32045	55.3	-12 41	4.8	A3n	705 v
				F0IV	112 714 765
	55.4	-71 03	12.6	F8:I	451 477 v
32068/9	55.5	+40 56	3.9	K4Ib-II + B7V	766
				K4II	145 177 sb
				K4II+B	178
				K4II+B7V	259 316 765
				K4II+B8V	177
				K5II+B	399 131
32088	55.6	+50 29	9.0	N	6 v
+44°1082	55.6	+44 42	9.8	A7III	665
				A8V	664
32090	55.6	+42 55	9.0	A0V	664
				A5V	665
32091	55.6	+42 21	9.2	B3III	665
32093	55.6	+26 30	9.2	G2V	659
	55.6	-66 34	12.3	G2I	451 477 v
32113	55.7	+15 03	8.7	F0III	100
32128	55.8	+15 05	8.3	G8III	100
32129	55.8	+14 56	8.8	F5V	100
+44°1083	55.9	+44 09	9.4	B8V	664
				B9V	665
+42°1083	46.0	+42 46	10.2	K1III	665
+42°1144	56.0	+42 13	9.2	F2IV	664
+42°1084	56.2	+43 01	9.9	K0III	664
32198	56.3	+43 11	9.5	B7III	665
				B8V	664
32228	56.4	-66 38	10.2	WC6+O8:	477
32249	56.6	-07 19	4.8	B2V	81 105 640
				B3V	705
+42°1151	57.1	+42 10	9.4	B8V	664
32301	57.1	+21 27	4.7	A7V	31 112 299 472 714
286340	57.1	+15 11	12.2	Se	259 765 v
32309	57.1	-20 12	5.0	B9V	472
268809	57.1	-69 24	11.4	B1Ia:	477
32328	57.3	+43 35	8.0	B8V	664
32330	57.3	+41 28	8.9	B2IV	665
32343	57.4	+58 50	5.3	B2V:p	105 vb
				B3eV	122 729
				B3p	287 530
32358	57.5	+44 49	8.8	B5V	665
				B6V	664
32387	57.8	+24 52	8.0	G8V	659
32417	58.0	+42 33	9.2	B5IV	665
				B6V	664
32418	58.0	+41 44	8.0	A4V	664
32419	58.0	+41 09	8.9	B5V	125 765 sb
32428	58.1	+32 11	6.4	Am	181 559
32440	58.1	-75 05	5.3	K6III	645
32446	58.2	+44 55	8.0	B5III	665
32448	58.2	+15 30	10.5	Am	100

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	4h				
32477	58.3	-81 17	9.6	M0III	659
32480	58.4	+27 33	6.5	A7V	194
+42°1154	58.6	+42 57	9.7	B8III	664
32510	58.6	+14 52	10.1	G8III	100
32515	58.6	-31 55	6.0	G8III	645
32518	58.7	+69 30	6.3	K1III	117
32537	58.9	+51 28	5.0	F0V	112 714 vb
32548	58.9	+42 42	8.5	K0III	664
				K1III	665
+42°1171	58.9	+42 26	9.3	F2V	664
32549	58.9	+15 16	4.6	A0p	81 555 194
32576	59.1	+14 44	6.7	A3p	100
32593	59.2	+15 50	9.1	F0V	100
32619	59.4	+44 36	7.3	A4V	664
32630	59.5	+41 06	3.2	B3III	152 640 126 v
				B3V	22 50 65 71 94 105 130 131 172 177 179 289 304 357 439 455 510 529 530 531 640 641 584 598 483 697 728 729 732 758
32633	59.5	+33 47	6.9	B9p	174 555
32642	59.6	+19 40	6.5	A7III	194 714 vb
32643	59.6	+15 07	7.7	A0p	100
32650	59.7	+73 49	5.4	A0p	555
32655	59.7	+43 02	6.2	F2II(p??)	384
				F2II	51
				A1II	665
240579/80	59.8	+15 00	10.6	K0III	100 vb
	5h				
237354	00.2	+55 18	9.3	G2V	253 658
32736	00.2	+01 02	5.9	N	6 v
				N5($C5_3$)	1 765
32762	00.3	-68 44	8.3	A3V	477
32778	00.4	-56 15	6.9	G5V	705 713
32835/6	00.9	+26 52	8.8	F5V,A	659 vb
32850	01.0	+14 20	7.3	K0V	100
270933	01.0	-65 54	10.6	B8I	477
32887	01.2	-22 30	3.2	K5III	472 640 641 645 705 714 v
32895	01.3	+14 22	8.1	K0III	100
32923	01.5	+18 30	4.9	G4V	53 156 196 287 295 296 301 469 475 518 653 677 665 714 vb
32963	01.8	+26 12	7.8	G2V	659
				G5IV	253 471
-58°455	01.8	-58 15	10.1	A8-F2(p)	559
32990	02.0	+24 08	5.5	B2V	105 130 172 598 sb
32991	02.0	+21 34	6.0	B2eV	122 130
				B2Vp	598
				(B3p)V	584
32992	02.0	+14 14	8.2	A2p	100
270949	02.0	-65 57	10.4	B3I	477
	02.1	-68 35	12.5	G2:I	477 451 v
33016	02.2	+38 52	8.5	N	6 93 v
33042	02.4	-49 43	5.0	M2III	645 v
33053	02.5	+14 25	7.7	G5III	100
33054	02.5	+08 22	5.5	Am	47 516 555
33072	02.6	-20 14	8.6	F4IV	38
33111	02.9	-05 13	2.9	A3III	55 65 78 83 94 112 126 152 287 299 303 458 474 615 641 645 646 665 725 27 v
				A3V	439 444 449 640 705
268993	03.0	-70 49	11.4	A0Ia	477
269006	03.0	-71 28	9.2	B2,5Iep	477
33164	03.3	+69 42	7.2	K1IV+G5IV	313 sb
+40°1189	03.3	+40 32	8.9	B2:III:nn	251 257
33203	03.5	+37 11	6.2	K3::+B2II:	391 sb
				B2II:+K?	251
268907	03.6	-67 05	10.0	B8Ia	477 486
33239	03.7	-20 15	7.3	G9II	38
33254	03.8	+09 42	5.4	Am	18 289 555 629 714
				A2p	31

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	5h				
33256	03.8	-04 35	5.2	F5V	53 106 646
33262	03.8	-57 37	4.7	F7V	456 641 645
				F8V	457 677 705 714
33276	04.0	+15 28	4.9	F2IV	112 714
33299	04.2	+30 40	6.9	K1Ib	387 469
33328	04.4	-08 53	4.2	B2IV	105 197 640 641 645 705 v
268939	04.4	-67 23		B1e	477
33357	04.6	+42 02	8.4	B1:(V)n(e)	251 257
				B3V+B3V	765 sb
Y Lep	04.7	-24 33	9.6	M4III	682 765 211 v
ER Tau	04.9	+29 31	13.0	N	765 v
33404	04.9	-05 38	8.0	N	6 v
				NO($C5_9$)	765
33461	05.3	+41 06	7.8	B2:V:nne	251 257
+39°1204	05.3	+39 26	10.3	Bpe	257
33463	05.3	+29 48	8.7	M2III	659
268946	05.3	-66 52		A0Ia	477 486
33486	05.4	-68 13	8.1	A0V	477
33503	05.6	+32 47	7.6	F2II	51
				F8III	384
33554	06.0	+15 55	5.4	K5III	53 106 469 475 714
33563	06.0	-76 46	7.5	F5V	457 705
33564	06.1	+79 07	5.2	F6V	53 106 288 677 714
33579	06.1	-68 01	9.5	A2Ia	161
				A3:Ia-O(e)	477
33585	06.2	+26 21	7.8	G5III	659 sb
33604	06.3	+40 05	7.3	B2V:pe	251 257
33641	06.6	+38 22	4.8	Am	112
33647	06.6	+00 24	6.7	B8V	55 172 v
33793	07.6	-44 59	9.2	M0V	705 713 519
33802	07.6	-11 59	4.5	B8V	81 640 705
269050	07.8	-68 40	11.2	B0Ia	477
33856	08.1	+02 45	4.6	K3III	53 106 469 146 sb
	08.1	-66 49	12.6	F7I	477
				F7I(a)	451
33861	08.2	+40 01	7.7	M3III	2 v
				M3-4III	765
	08.2	+36 36	11.0	B1V:p(e)	257
33877	08.3	+49 26	8.4	M4II	2 765 v
33904	08.4	-16 19	3.3	B9p	174
				B9III(p)	640 641 645 705
33949	08.6	-13 04	4.5	B8III	368 705
				B8V	81
33959	08.9	+32 34	5.1	A9V	194 687 714 sb
34029	09.3	+45 54	0.2	G0III	687 v
				G2II-III	299
				G2III+dM2	295
				G4III+G0III	177 sb
				G5III+G0III	87 677
				G8III:+F	131 177 714
				G8III:+F + dM1,dM5	391
34052	09.4	+29 21	8.8	G2V	253
34053	09.4	+22 10	6.2	A2IV	194 sb
34078	09.7	+34 12	(5.8)	O9,5V	76 135 141 251 379 90 397 410 478 507 598 599 687 700 v
34085	09.7	-08 19	0.3	B8Ia	20 22 30 42 50 55 65 79 80 81 83 126 131 152 153 161 177 251 287 392 399 439 444 477 483 529 584 598 640 641 646 665 734 758
				B8eIa	645 vb sb+sb
34172	10.2	-82 36	5.8	G8III	645
34179	10.3	-00 04	8.0	B8V	55
269101	10.3	-68 54	11.5	B5I	477
34190	10.4	+46 01	7.8	K3III	387 v
+11°755	10.4	+11 51	9.3	N	6 766 v
34203	10.5	+11 14	5.5	A0III	194
34233	10.8	+58 01	6.2	B3IV	130 198 sb?
269128	10.9	-68 54	9.8	B2,5Ieq	477 486
269172	11.0	-71 32	10.6	A0Ia-O	477
34317	11.5	+01 50	6.4	A0V	55

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	5h				
34334	11.6	+33 16	4.8	K3III	53 106 469 475 687 714 sb
34364	11.8	+33 39	6.1	B9V	188
				B9V+B9V	766 sb
34384	11.9	+28 41	7.2	Am	555
34411	12.1	+40 01	4.8	G0V	65 71 101 106 112 131 215 253 287 288 299 304 196 362 459 535 665 677 714 725 726
				G2IV-V	45 296 340 341 469 758
				G0IV-V	62
34435	12.2	-35 02	6.7	Am	422 555
34452	12.4	+33 39	5.4	B9p	687 714 194 v
				A0p	174 555 368
				cA0p	530
34467	12.5	+35 41	9.1	N	6 93
34492	12.7	+41 06	8.1	Am	181 559
34503	12.8	-06 57	3.7	B5III	55 83 105 126 152 483 584 641 645 729 732 sb
				B8III	439 640 646 705
34511	12.9	-00 09	7.4	B5V	55 127 172
34554	13.2	-31 23	7.5	F6V	457 705 714
34559	13.3	+22 00	5.1	G8III	53 101 106 469 475 535 714
34578	13.4	+33 51	5.2	A5II	42 47 65 112 152 155 687 126 v
34579	13.4	+20 02	6.2	G8II-III +G1IV-V	313 714 vb
34616	13.7	-16 18	7.6	G9III	38
34624	13.8	+42 16	7.8	G6III-IV	38
34642	13.9	-35 00	4.7	K0IV	645
34649	13.9	-67 18	4.8	K2III	645
34651	13.9	-68 08	8.3	A5V	477
34656	14.0	+37 20	6.7	O7	48 74 76 91 115 598 141 135 139 251 595
				O7f	532 729
34658	14.0	+02 30	5.4	F5II	53 106 469 v
+39°1264	14.1	+39 13	9.9	B2V	251 257 486
34673	14.1	-03 11	8.6	K3V	253 295 296 467 677 714 vb
34719	14.4	+19 30	6.8	A0p	555
34738	14.5	-22 19	8.8	S4,5	98 140
34740	14.6	+74 27	7.2	A0p	555
34748	14.6	-01 31	6.3	B1,5V	55 127 646 sb
34759	14.7	+41 43	5.1	B5IV	584 sb
				B5V	105 126 130 131 152 172 224 483 728 729 732 598
34762	14.7	+27 51	6.3	B8V	194 sb
34786	14.9	+58 51	7.8	G8III	38
34790	14.9	+29 29	5.7	A2V	194 sb
34810	15.0	+19 43	6.4	K0III	117
34816	15.0	-13 17	4.3	B0III	640 641 705
				B0,5IV	251 598 645 732
34842	15.3	+32 24	7.9	N	93 v
				Ne	6
				C8ep	259
34860	15.4	-04 54	8.1	F6V	38
34863	15.4	-12 25	5.3	B7:V:nn	105
34868	15.4	-27 28	5.8	A0IV	456 460 641 645 705
34921	15.8	+37 35	7.4	B0IVpe	74 141 251 257
	15.8	+07 16	10.4	N	6
242908	16.0	+33 25	9.0	O5	115 135 139 141 251 257 598 642
242926	16.1	+33 13	9.4	O6	115 135 139 141 251 257
34959	16.1	+03 54	6.4	B5p	55
242935	16.2	+33 19	9.4	O7	141
				O8	139 251 257
34968	16.2	-21 20	4.7	A0V	472 614 640 705 v
34989	16.4	+08 20	5.7	B1V	55 127 172 251 410 486 598 sb
35007	16.5	-00 31	5.6	B3V	55 127 172 598 vb
243018	16.7	+33 29	10.6	B1IV?	257
35035	16.7	+28 22	7.4	Am	26 555
35039	16.7	-00 29	5.6	B2IV	105 172 197 584 598 640 641 645 705 sb
35062	16.9	+18 55	7.6	G0III	38
35072	16.9	-50 42	5.5	F8III	645
35076	17.0	+28 51	6.4	B9V	194
35079	17.0	-03 03	7.0	B3V	55 127 172
35146	17.6	+18 31	7.5	K5III	38
35149	17.6	+03 27	5.0	B1V	105 132 251 486 vb
				B3n	705
35155	17.6	-08 45	7.0	S4,1	98 140 646
35162/3	17.7	-24 52	5.1	G7II-III +A7IV-V	313 vb
35183	17.8	-68 34	8.9	A4:V	477
35186	17.9	+37 17	5.2	K4III	53 106 469 475 714
35189	17.9	+16 36	6.1	A2V	194 714
35203	18.0	+01 02	7.7	B6V	55 127
35215	18.1	+30 06	9.1	B1V	251 257 486
35238	18.2	+31 08	6.4	K1III	117 sb
35239	18.2	+31 03	5.9	B9III	194 687
35295	18.6	+34 45	6.5	K1pIII-IV +F6V	391
35296	18.6	+17 17	5.1	F8V	53 106 259 288 677 726 sb
				F8V+dK5	714
35298	18.6	+02 00	7.9	B9V	55
35299	18.6	-00 15	5.6	B1V	55 83 127 172
				B2V	65 78 287 303 304 597 598 732
269321	18.7	-69 22	10.9	B5Iae	477 486
35337	18.9	-14 01	5.2	B2IV	105
35345	19.0	+35 33	8.4	B15pe	74 251
35347	19.0	+29 32	8.5	B1:(V:)e	251 257
269333	19.0	-69 18		W+B1:I	477 sb
35369	19.1	-07 53	4.2	G8III	53 106 705 714
35395	19.3	+20 30	6.8	B0,5III:	197 251 486
+42°1286	19.4	+42 56	10.1	B0,5V	251 257 486
35407	19.4	+02 15	6.3	B5V	55 127 598 172 sb
35410	19.4	-00 59	5.2	K0III	53 106 714
35411	19.4	-02 29	3.4	B0,5V	172 251 729 sb
				B1V	22 55 126 127 131 152 439 507 530 529 584 640 698 732 758 765
287841	19.5	+01 38	10.0	A5III:	211 766 v
35439	19.6	+01 45	4.7	B1V	105 131 v
				B1V:pe	251 486
				B2V	584 - 55: B2e
				B3ne	530 705
35441	19.6	-20 49	7.8	K2III	38
35468	19.8	+06 16	1.7	B2III	13 78 94 105 126 152 131 197 251 531 351 483 584 598 641 646 699 728 729 732
				B2IV	22 439 444 529 530 535 758 sb?
35479	19.9	+29 54	8.1	B9p	26 555
35497	20.0	+28 31	1.8	B7III	50 65 81 94 126 131 152 194 455 483 728 729 732
				B8III	22 529 584 640 641 758
				B9p	555 734
35501	20.0	+01 50	8.5	B8V	55
35502	20.0	-02 54	8.0	B5V	55 127 172
+42°1288	20.1	+42 13	9.5	B8Ib	251 257 486
35517	20.1	-69 45	10.1	B0I	477
35520	20.2	+34 18	5.9	Alp?	687 194
	20.3	-69 45		WC6:	477
269362	20.4	-68 47	12.8	G0I	451
				G0Ia	477 v
35556	20.5	+34 04	8.3	N	6 93 v
35575	20.6	-01 35	7.3	B3V	55 127 172 483 598

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	5h				
35588	20.7	+00 25	6.2	B2V	172 v
				B3V	55 127 sb
35600	20.7	+30 07	5.7	B9Ib	42 194 74 251 486 598 646
271182	20.8	-65 54	9.7	F8Ia	452 477
35619	21.0	+34 41	8.5	O7	139 251 257 687
				O8	141
35620	21.0	+34 24	5.3	K2IIIp	475
				K3p	53 106 203 469 687 714
35633	21.1	+34 27	8.6	BO,5IV	74 135 141 251 257 486
35640	21.1	-05 37	6.2	B9V:	55 172
35653	21.2	+33 52	7.5	BO,5V	74 141 251 257 486
35671	21.3	+17 53	5.3	B5V	105 130 598
35673	21.3	+02 51	6.5	B9V	55
35693	21.5	+15 11	6.1	A2Vp?	194
243827	21.6	+33 14	10.6	BOIII	257
35708	21.6	+21 51	4.8	B3V	105 130 598 sb
35715	21.6	+03 00	4.7	B1IV	640 705 sb
				B1V	172
				B2IV	105 131 197 594 598
35730	21.7	+03 32	7.7		
				B5p	495 692 55
35762	21.9	+03 45	6.7	B2V	55 127 172 598
+34°1058	22.0	+34 35	8.8	O8nn	139 251 257
+34°1059	22.0	+34 56	9.2	BOIV-V	257
35770	22.0	+15 48	5.5	B9V	194
35777	22.0	-02 27	6.0	B2V	55 127 172 483
35783	22.1	+78 18	7.7	F6V	253 514 714
CM Aur	22.1	+43 21	13.0	N	6 v
35792	22.1	-01 27	7.2	B3V	55 127 172 598 483
35814	22.2	-68 03	11.0	WC7	538
35834	22.4	+01 02	7.7	B8V	55
	22.5	-65 49		BOI	477
	22.6	-65 51		BO,5Ia:	477
271192	22.6	-65 56	9.9	AOIa-O	477 486
35881	22.7	+01 02	7.8	B8V	55
271213	22.7	-72 01	11.4	B3I	477
35899	22.8	-02 14	7.5	B5V	55 83 127 172 483 sb
	22.8	-12 45	10.8	O7	84
35909	22.9	+13 36	6.3	A4V	194
35910	22.9	+03 27	7.6	B6V	55 172 127
				B7V:	598
35912	22.9	+01 13	6.4	B2V	172
35921	23.0	+35 18	6.8	O9,5	48
				O9,5III	74 76 135 139 141 251 257 598 729
35943	23.1	+25 04	6.6	B9V	194 vb
35952	23.2	+35 53	8.8	B5II-III	251 257 486
35961	23.3	+54 35	7.5	G1V	253
+35°1141	23.3	+35 07	9.6	BO,5:V:n	251 257
36003	23.5	-03 33	7.6	K5V	253 296 467 513 677 714
36013	23.6	+01 34	6.8	B1,5V	55 127
				B2V	172
				B3V:n	251 692
36040	23.8	+41 23	5.8	KOpIII	387
				K1III	117
36041	23.8	+39 46	6.3	G9III	117
36042	23.8	+34 08	7.8	G7III	38
36060	23.9	-41 02	5.8	Am	456 555 422 641 645
36067	24.0	+50 57	7.6	K1II	38
36079	24.0	-20 50	3.0	GOIII	97 vb
				G2II	106 444 449 460 640 705 714 758
				G5III	641 645 646
+3°924	24.1	+03 23	9.5	N	6 765 v
269475	24.2	-71 47	11.0	B3I	477
36133	24.4	+03 03	7.5	B2V	55 127
36137	24.4	-46 11	7.8	F3V	457 705 714
36149	24.6	+36 43	7.8	K3Ib:	387
36151	24.6	-07 21	6.6	B5V	55 127 172 483 598
36162	24.7	+15 17	5.8	A3V	194
36166	24.7	+01 42	5.8	B1,5V	55 127
				B2V	598 172
36167	24.7	-01 11	5.0	K4III+F7V	313 sb
				K5III+F7V	714
				K5III	2 53 106 249 765
36212	25.1	+34 48	8.0	B3II	251 257 486
36217	25.1	+04 07	6.7	K2III	2 765 v
+39°1328	25.2	+39 59	9.8	O9III?	139 251 257
36267	25.4	+05 52	4.3	B3V	640 705
				B5IV	105 130 598
				B5V	55
36280	25.5	+34 52	9.4	BO,5IVn	251 257
36283	25.5	+15 43	8.5	G5V	253 658
36285	25.5	-07 31	6.2	B1,5V	55 127
				B2V	172 483
HK Ori	25.9	+12 05	11.4	A4ep	259 682 765 v
36351	26.0	+03 13	5.5	B1,5V	55 127 732 vb
				B2V	598
36360	26.1	+36 15	7.1	Am	181 559
36371	26.2	+32 07	4.9	B3I	758 sb
				(B3Ia)	531
				B3Ib	20 42 50 529 530 584
				B5Iab	74 126 152 251 483 598 687 728 729
36389	26.3	+18 32	4.7	M2Iab	282 v
				M2Ib	42 48 138 140 145 178 287 646 765
36392	26.3	+01 27	7.9	B3V	55 127 172
36395	26.3	-03 41	8.8	M1V	65 94 253 296 646 665 677 725
36406	26.4	+19 03	7.7	F7IV	387
36408	26.4	+16 59	6.0	B7IV+B8V	194 sb
36429	26.5	+02 46	7.8	B5V	55 127 172
36430	26.5	-06 48	6.0	B2V	55 127 172 483
36435	26.5	-60 30	7.0	G5V	457 705 714
36443	26.6	+00 02	8.4	G5V	253 296
36483	26.9	+36 24	8.2	O9,5III	139 251 257
36484	26.9	+32 44	6.5	Am	555 629 687 194 sb
36485	26.9	-00 22	6.9	B2V	251 vb
36486	26.9	-00 22	2.5	O9II	665 sb
				O9,5II	55 79 126 127 131 135 152 251 363 399 483 507 531 584 641 645 646 700 705 728 729 765
				O9,5III	80 439 444 529 530 598 640 758 79
36487	26.9	-07 08	7.5	B5V	483
36499	27.0	+34 39	6.0	A4V	194 687 sb
36512	27.1	-07 23	4.6	BOIII	640
				BOV	55 65 78 83 94 105 127 126 152 172 179 251 287 303 304 467 483 584 598 705 729 732
36519	27.1	-43 40	7.6	K3III	465 705
36541	27.3	-06 47	8.2	B6V	483
36542	27.3	-10 05	8.4	B9V	253 658
36547	27.4	+23 16	8.8	B1III	251 257 486
36553	27.4	-47 09	5.5	G3IV	457 705 645
+35°1169	27.6	+35 45	9.4	B1:V:pe	251 257
269546	27.6	-68 54	10.4	B3Ip	477
36576	27.6	+18 29	5.5	B2IV	584
				Bp	105 118
36589	27.7	+20 24	6.1	B6V	194
36591	27.7	-01 40	5.3	B1V	55 65 78 83 94 105 127 172 251 287 304 483 598 vb
36602	27.8	+07 04	7.5	N	6 v
				Nb (C56)	765
W Men	27.8	-71 15		F8:Ip	477 v
36619	27.9	-23 30	7.9	O7	139
269547	27.9	-71 38	11.5	B3Ia:	477
36627	28.0	+03 04	7.8	B6V	55 127 172
36629	28.0	-04 38	8.0	B2V	55 127 132 v
36646	28.1	-01 48	6.5	B3V	55 vb
244894	28.3	+27 31	9.9	B1pe (III,V)	257

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	5h				
36673	28.3	-17 54	2.7	F0Ib	15 30 42 47 55 65 83 112 163 287 399 439 444 449 640 641 645 646 529 705 758
36695	28.5	-01 14	5.3	B1V	55 127 131 172 251 483 598 718 765 sb
271279	28.6	-65 45	10.0	A0Ia:	477
36724	28.7	+26 54	8.0	F6IV	38
				F7V	387
36741	28.8	+01 20	6.6	B2V	55 127 172
36779	29.0	-01 06	6.2	B2V	172 483 vb
				B3V	55 127
269599	29.0	-69 13	12.2	B8:I	477
36819	29.3	+23 58	5.3	B3V	105 130 598 sb?
36822	29.3	+09 25	4.5	B0III	507 530 529 640 758
				B0IV	131 197 251 598 486 641 646 700 729 sb
				B1III	732
36824	29.3	+05 35	6.7	B2V	172
				B3V	55 127
36841	29.4	-00 27	8.8	08	532
EZ Ori	29.4	-05 09	12.3	GeV	259 v
36861	29.6	+09 52	3.7	07,5(II)	700 v
				08	50 76 84 131 135 139 143 251 439 506 507 598 642 646 705 758
				08f	729 735 vb
36862	29.6	+09 52	5.6	B0,5V	729 vb
36879	29.7	+21 20	7.8	06	115 139 141 251 257 591
36881	29.7	+10 10	5.6	B8III	194 v
36884	29.7	-05 46	9.6	K2III	766 v
	29.8	-05 22	11.0	F0-F2:III,V	416
36891	29.8	+40 07	6.2	G0Ib:	51
				G3Ib	384 469
36895	29.8	+09 33	7.7	B2V	495 692
36931	30.0	+30 31	8.2	F8II	387
	30.0	-05 37	10.2	K0-K2III,IV	416
36954	30.1	-00 48	8.1	B3V	55 127 172 sb
36958	30.1	-04 48	8.0	B3V	172 766 v
36959	30.1	-06 05	5.6	B1V	55 127 172 251 598v
36960	30.1	-06 05	4.7	B0V	55 127 172 531 vb
				B0Vp	251 598
				B1Ib	640 705
36972	30.2	+68 45	8.2	R8e	6 308 v
				Ce	259
36982	30.2	-05 32	9.1	B1,5Vp	55 164 682 v
				B2Vp	765
	30.2	-05 34	14.0	K1IV-V	765 v
				K1eIV-V	164 682
+26°887a	30.3	+26 19	10.2	A2eII-III, G0	682 vb
37000	30.3	-06 00	8.4	B5V	172 sb
37008	30.4	+51 23	7.9	K2V	253 296
245310	30.4	+21 08	8.9	B1:V:nne	257
				B2:III::nnep	251
37016	30.4	-04 29	6.2	B3V	55 127 vb
37017	30.4	-04 34	6.5	B1,5V	55 127
				B2V	251
37018	30.4	-04 54	4.6	B2III	105 131 197 251 595 598 sb
				B2IV	640 705
-5°1317	30.4	-05 13	10.3	F8-G0III-IV	416 v
	30.4	-05 16	10.9	G0-G2III	416
Brun 604	30.4	-05 26	10.5	A2:V	334 v
-5°1318	30.4	-05 26	10.0	B8IV-V	334 v
AE Ori	30.4	-05 26	11.2	A2V	164 765
				A2:V	682 v
37022	30.4	-05 27	5.4	06	84 127 758 sb
				06p	76 135 251 598 729 131
				07	595
37023	30.4	-05 27	6.7	B0,5Vp	598 sb
37032	30.5	+34 45	8.1	B0V	642
				B0,5V	251 257 486
AH Ori	30.5	-05 14	13.0	K0IV?	334
	5h				
				K0IV-V	164 682
				K0V	765 v
37041	30.5	-05 29	5.2	09	595 vb
				09V	127 164 55
				09,5Vp	131 132 135 139 251 729 sb
37042	30.5	-05 29	6.5	B0V	531
				B1V	127 55
	30.5	-05 35	12.2	G8V	766
				G8V,K3	164
37043	30.5	-05 59	2.8	08,5	532 sb
				09III	42 55 65 71 78 83 94 126 127 131 135 139 152 251 287 340 483 507 529 530 584 598 641 645 700 728 729
				09V	439 444 640 705 758
37055	30.6	-03 19	6.4	B3V	55 127 v
37058	30.6	-04 54	7.3	B2Vp	55 v
				B3Vp	765
37061	30.6	-05 20	6.9	B0V	531 v
				B1V	55 132 164 765
				B1V,B8	682
37062	30.6	-05 29	8.7	B5V	55 127 164 765 v
				B6V	682
-5°1324	30.6	-05 37	10.4	F0IV	164 766 v
				F0IV,F6V	164
269634	30.6	-67 32		A0I	477
AN Ori	30.8	-05 32	12.3	K1eIV	164 259 765
				K1eIV,V	334 682
37098	30.9	+26 52	5.7	B8III	194
-5°1329	30.9	-05 32	9.5	A3e	28 v
				A3eV	682
				B8-A3V	334
37114	31.0	-05 26	9.0	B8V	55
37115	31.0	-05 41	7.1	B6V	55 127 sb
269644	31.0	-67 36		B6Ia	477
37124	31.1	+20 40	8.6	G4IV-V	470
37128	31.1	-01 16	1.8	B0I	439 444 758 sb
				B0Ia	30 42 50 55 65 71 78 83 94 127 131 135 173 177 251 287 303 306 399 455 483 507 529 530 531 584 619 640 641 642 645 646 665 692 700 705 728 729 738 598
37129	31.1	-04 29	7.1	B2Vp	55
245493	31.3	+33 54	8.6	B2:V:p(e)	251 257
37150	31.3	-05 43	6.6	B3V	55 127 v
37151	31.3	-07 28	7.4	B8V	55
37160	31.4	+09 14	4.4	G6	471
				G6III-IV	62
				G8IIIp	469 475 535 101
				G8III-IV	158
				K0III	53 142 253 299 714
	31.4	-05 16	13.0	K4eIV-V	164 682 765
37171	31.5	+10 58	6.1	K4II	62 sb
				K5III	253 469 475
	31.5	-67 20		B6I	477
269662	31.5	-69 07	10.8	B9:Ieq	477
37187	31.6	-01 05	8.1	B9V	55
269661	31.6	-69 35	10.6	B9Ia-0:	477 486
37202	31.7	+21 05	3.0	B2III:p	130 sb
				B2IVp	105 598 729
				B3e	122
				B3p	152 126
				B3IIp	640 641
37209	31.7	-06 08	5.6	B1V	172 sb
37212	31.7	-25 47	7.5	N	6
				R8	308
37232	31.9	+08 53	6.1	B1,5V	55 127
37269	32.2	+30 26	5.5	G5III:+A3 +F0V comp	391 sb 194

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	5h				
-6°1259	32.3	-06 39	9.8	A5eII-III	682 765 v
269692	32.3	-67 45	13.9	W	477
37303	32.5	-06 00	6.0	B1V	55 127 251 v
				B3n	705
269698	32.5	-67 42	11.7	O5f	477
269660	32.5	-71 08	11.4	B2Ia	477 486
37321	32.6	-01 30	7.1	B3V	55 127 172
269700	32.6	-68 37	10.4	B2Ia+	161 392
				B1,5Iaeq	477
37329	32.7	+26 34	6.3	G9III	117
245770	32.7	+26 16	9.4	Bpe	257
37330	32.7	+00 55	7.3	B6V	55 127
37342	32.8	+00 56	8.0	B5V	55 127
37350	32.8	-62 33	4.0	F6Ia-G2Ia	641 645 766 v sb
				F6II	640
37356	32.9	-04 52	6.3	B1,5V	55 v
269676	32.9	-71 08	11.4	O6e	477
37367	33.0	+29 10	6.0	B2V	130 598 sb
37386	33.1	+29 47	9.1	G5IV	766 v
269723	33.1	-67 46	11.4	G0Ia	452 477
37397	33.2	-01 13	6.8	B3V	55 127 483
245906a	33.3	+26 19	10.2	A2eII-III	765 v
37438	33,5	+25 50	5.0	B2V	105 130 598 732 sb
37439	33.5	+21 42	6.3	A2V	194 sb
37453	33.6	+30 02	8.2	F4III	38 sb
37468	33.7	-02 39	3.7	O9,5V	55 76 126 127 131
					143 152 251 439 507
					529 530 531 595 598
					640 646 700 705 728
					729 758 159 sb
				O9,5V	
+37479				+A2V+B2V	159
37481	33.8	-06 38	6.0	B1V	55 127 172
37490	33.9	+04 04	4.5	B3III	584 sb
				B3IIIe	105 251 257 598
				B3p	24
				B3IVe	640 705
37507	34.1	-07 16	4.9	A4IV	112 646 sb
37519	34.1	+31 18	6.0	B7V	194 687
37526	34.1	-05 15	7.6	B3V	55 127
				B5:V:	172
37594	34.5	-03 37	6.0	A4-F4(m?)	555
37606	34.6	+01 27	6.9	B8V	55 172
37614/5	34.7	+38 08	8.2	B2III	251 257 486
269781	34.9	-67 06	9.8	B9Ia	161
				A0Iae	477
37655	35.0	-43 02	7.4	G0V	457 705 677 714 sb
269787	35.1	-67 03	11.0	A0Ia-0	477
269797	35.1	-67 03	10.8	A0Ia-0	477
37700	35.4	-04 28	9.1	B5V	172
37706	35.4	-46 09	7.3	G5V	457 705
	35.4	-46 10		K5V	465
37711	35.5	+16 29	4.9	B3IV	105 130 598 sb
269801	35.5	-67 25	10.7	B9Ia-0	477
246340	35.6	+29 13	8.8	F8V	659
37737	35.7	+36 09	8.0	B0II:	251 257 486
246369	35.7	+26 12	9.8	M0III	659
37742/3	35.7	-02 00	1.8	O9,5Ib	42 50 55 71 76 127
					131 135 139 152 173
					183 251 399 455 483
					507 529 531 530 584
					595 598 646 700 728
					729 126 sb
				O9,5III	439 444 640 756
37744	35.7	-02 53	6.2	B1V	55 127 172
269810	35.7	-67 37	12.1	O6+neb	477
37752	35.8	+23 16	6.5	B7III	194
37756	35.8	-01 11	5.0	B2IV	105 197
				B3III	172 483
				B3IV	640 705 sb
37763	35.8	-76 25	5.1	K4III	645
37767	35.9	+36 06	8.9	B3V	251 257 486
37776	35.9	-01 32	8.2	B2V	172 483
37795	36.0	-34 08	2.8	B8Ve	287 439 444 640 641
					645 705 v

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	5h				
37800	36.1	+29 48	9.5	F8IV	659
37847	36.3	-20 20	7.0	G4III	38
+34°1150	36.4	+34 18	9.6	B2V	251 257 486
37887	36.6	-03 46	7.7	A0V	55
37889	36.6	-06 59	8.0	B2V	55 172
269845	36.6	-67 31	11.2	B3I	477
37903	36.7	-02 18	7.8	B1,5V	55
				B2V	172
+37°1292	36.9	+37 57	9.1	B3V:p(e)	251
37956	37.1	+29 10	6.4	K1III	117 659
-59°1105	37.1	-59 08	9.6	F5pe	259 v
37967	37.2	+23 10	6.1	B3V(e)	88
				B5Vp	130
				B5Vpe	598
37981	37.3	+14 08	6.9	K1IV	475
37984	37.3	+01 26	5.2	K0III	469 535 101
				K1III	53 62 106 253 475
					714
38010	37.5	+25 24	6.9	B1Vep	99 251
38017	37.6	+30 53	8.1	B3II	251
				B3II-III	486
				B3III	257
269859	37.6	-69 34	10.9	B1I	477
38092	38.1	+38 27	7.5	G9III	38
38104	38.2	+49 47	5.5	A0p	555 27
				Ap	516
246878	38.2	+27 12	9.4	B0,5V:pe	257
246901	38.3	+33 29	8.1	B1:+G5:Ib:	251 257 sb
38131	38.4	+35 08	8.2	B0,5V	251 257
38142	38.5	+24 53	8.1	G8III	659
-16°1217	38.5	-16 49	9.9	R0	308
+34°1162	38.6	+34 03	8.9	B2V:nn	251 257
38164	38.7	+06 29	7.7	G5III	38
269896	38.7	-68 58	11.3	B0Ia:	477 478
269891	38.7	-69 08	11.5	B0:+W?	477 478
38191	38.9	+21 25	9.5	B1V	99
				B1:(V)n(e)	251 257
269902	39.0	-69 09	11.0	B9I	477 478
38218	39.1	+24 23	8.7	N	6 555 v
				Ne	765
38230	39.2	+37 16	7.3	K1V	475
38232	39.2	+29 16	7.4	F2II	51
				F5II	384
38238	39.2	+00 06	10.1	A7III	682 766 v
38247	39.2	+18.40	6.9	G8Iab	387 399 469
269908	39.3	-69 08	14.8	O8	477 478
	39.3	-69 10		WN7	477 478
38261	39.4	+25 04	9.0	K2III	659
	39.4	-69 08		WN7	477 478
38268	39.4	-69 09	neb	O+WN	477 478
247176	39.5	+26 32	9.6	B2V	257
38282	39.5	-69 05	10.8	WN7	478
	39.5	-69 09		AO:I:	477 478
	39.5	-69 08		B0,5Ia:	477 478
38283	39.5	-73 45	6.7	WN7	477
269920	39.6	-69 09	12.5	WN7 + O:	477 478
269919	39.6	-69 09	12.2	WN6	477 478
38307	39.7	+20 39	6.9	N	6 v
				N2	535 765
				$C7_4e$	259
247224	39.7	+15 28	9.5	N	6 705 v
269929	39.7	-69 12	12.2	F7Ia	477 478
269928	39.8	-69 09	11.8	WN6-7	477 478
FU Ori	39.9	+09 02	9.7	cF5-G3Ia	765 v
269926	39.9	-69 03	12.5	WN5	477 478
38344	39.9	-69 05		WN5+	477 478
38393a	40.3	-22 29	3.8	F6V	287 288 295 439 458
					474 641 645 665 705
					714 640 677 27
38393b	40.3	-22 29	6.3	K2V	677 27 vb
-46°1969	40.4	-46 30	11.8	N	765 v
38411	40.5	+10 45	8.3	F3III	38
38451	40.8	+21 10	8.8	A2IV-V	211 v
38455	40.8	-12 29	7.6	G7IV	38 471
38458	40.8	-45 52	6.3	F0IIIn	705 713
-69°474	40.8	-69 47	10.2	B5I+neb	477

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	5h				
38478	41.0	+15 47	5.9	B7IIIp?	194
EI Tau	41.1	+17 53	13.0	S	765 v
38495	41.1	-04 18	6.4	K1III+GOIV	313
38503	41.2	+35 07	6.6	F8Ib-II	384
				F8II,F5I	51
269953	41.3	-69 43	12.0	F8Ia	452
				G0Ia	477
38521	41.4	+44 50	8.5	N	6 v
38524	41.4	+25 31	7.9	K1III	659
38527	41.4	+09 29	5.8	G8III	117 714
38545	41.5	+14 27	5.7	A3V	194 714
+36°1261	41.7	+36 12	9.1	B2III?p?	251 257
38572	41.7	+30 36	9.0	N	6 v
269982	41.9	-69 18	11.1	A5Ia:	477 478
38622	42.1	+13 52	5.2	B2V	105 130 598 732 vb
38645	42.2	+68 26	6.1	G9III	117
38656	42.2	+39 09	4.6	G8III	53 101 106 469 475 535 714 27
38658	42.3	+28 17	8.4	B3II	251 257 486
38666	42.3	-32 20	5.2	O9,5V	217 251 397 379 337
				B0V	90 599
				B2n	705
247754	42.4	+25 04	9,6	B1V:nn	257
38670	42.4	+20 50	5.9	B7V	194 sb
38678	42.4	-14 52	3.7	A2IV	615
				A3V	78 81 299 439 467 640 641 645 705
38699	42.5	-16 41	7.6	K4III	38
38708	42.6	+29 06	8.2	B3:p(e)sh	251 257
269992	42.6	-69 51	11.1	B2,5Ia	477
38750	42.9	+25 36	9.1	K2II	659
38751	42.9	+24 32	5.0	G8III	53 101 106 469 475 535 v
38755	42.9	-06 29	7.7	B5V	172
				B6V	55 127
38765	43.0	+51 29	6.1	K1III	117
				K1IV	714
38771	43.0	-09 42	2.2	B0II	439 444 640 705 758
				B0,5Ia	50 55 65 71 83 127 42 131 133 172 291 287 303 399 483 529 530 584 598 641 645 646 665 717 728 729 135v
				B0,5Ib	30
38808	43.3	+24 12	8.0	G3Ib-II	387 399
	43.5	+46 07		O7,5	84
38847	43.6	+84 59	8.9	G0V	253
38899	43.9	+12 37	4.9	B9IV	65 78 81 94 304 646
				B9V	194 732
38909	44.0	+31 02	8.2	B3II-III	251 257
38940	44.1	-45 41	7.4	F6IV-V	457 705
38989	44.4	-41 37	7.0	M5III	705 713
39003	44.6	+39 07	4.2	K0III	53 101 106 469 475 535 714
39008	44.6	-00 23	7.4	K3III	38
39014	44.6	-65 46	4.4	A7V	640 645 705
				A6IV	641
39045	44.9	+32 06	6.3	M3III	253
39060	44.9	-51 06	3.9	A3V	705 713
				A5III	287 288 299 664 725
				A5V	640 677
39091	45.0	-80 34	5.6	G3IV	465 514 705 714
39099	45.2	+14 01	6.6	K1III	253
39116	45.3	+13 43	8.2	F4V	38
39136	45.4	+32 13	8.8	B3III	251 257 486
39182	45.7	+39 33	6.5	A3III	194
39192	45.7	-42 21	7.9	G0V	705 713
39194	45.7	-70 14	8.3	K0V	705 713
39225	46.0	+33 53	6.0	M1II	253 (387:M2II)
BB Tau	46.1	+25 49	13.2	S:	765 v
270086	46.1	-69 02	10.6	A1Ia-0	477 486
39280	46.4	-44 43	7.7	G8IV	457 471 705
39283	46.5	+55 41	4.9	A2p	714 81
39291	46.5	-07 33	5.3	B2III	483
				B2V	105
39317	46.7	+14 09	5.6	B9p	194

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	5h				
39340	46.9	+26 25	8.1	B3V	99
39357	47.1	+27 35	4.5	B9,5V	194 714 sb
				A0III	81 714
39364	47.1	-20 53	3.9	G8III	62 97 158 299 714
				G8IIIp	641 645
				G8p	640 758
				K0IIIp	296
39377	47.1	-13 49	8.4	B2V	172
39400	47.2	+01 50	5.0	K2II	42 82 106 145 178 469 646 v
248753	47.3	+25 43	8.5	B1Venn	99
39416	47.4	+25 03	7.7	G2II	659
				G3Ib-II	387 399
39425	47.4	-35 48	3.2	K2III	645
39455	47.6	+18 08	7.4	F2II	51
				F5II	384
248587	47.9	+19 09	8.9	A0Iab	251 257 646 486
248893	48.0	+22 06	9.7	B0II-III	251 257
248894	48.0	+20 51	9.3	O8:V:nn	139 251 257
39523	48.0	-56 12	4.4	K1III	645
39587	48.5	+20 15	4.6	G0V	53 101 106 112 131 27 156 287 288 341 474 469 475 535 653 677 714 665 725 726 758
39632	48.7	+10 34	6.0	G9II	117 469
39640	48.7	-52 08	5.0	G8III	645
39645	48.8	+22 30	7.6	G7III	38
39655	48.8	-44 03	8.6	F2V	457 705
249071	49.0	+27 54	9.5	B2III:	257
39662	49.0	+11 45	6.5	A2V	194
39680	49.0	+13 49	8.0	O6:pe	139 251 257 173 sb
39688	49.0	-16 17	7.9	F7V	38
39698	49.1	+19 44	5.9	B2V	130 598 50 729 sb
39699	49.1	+17 23	7.4	K5III	38
39712	49.2	+30 41	8.4	B2IV	251 257 486
39713	49.2	+29 09	8.9	G5III	659
39743	49.4	+49 01	6.2	G8III	117
39746	49.4	+27 42	7.7	B1II	99 135 141 213 251 257 598
39758/9	49.5	+07 01	8.1	A3+G5-8? + G8II	313 sb vb
39764	49.5	-33 50	4.9	B5V	287 467 640 705
39777	49.6	-04 05	6.5	B2V	55 127
39780	49.6	-84 50	6.2	A1V	641 645
39783	49.7	+45 29	8.0	M4:III	2 v
				M5III	765
39801	49.8	+07 23	0.1	M2Ia	177 sb
				M2Ib	2 8 124 178 441 640 758
				M2Iab	42 131 138 145 259 282 382 641 687 765 646
	49.9	+25 23	10.9	B1III	257
	49.9	+20 04	10.9	B1IV	257
39853	50.1	-11 48	5.8	K3+III-K5III	62 142 253 459 714
270151	50.1	-70 03	11.8	B1I	477
39866	50.2	+28 56	6.4	A2Ib	194
249313	50.2	+13 41	9.9	B4V	104 sb
+33°1194	50.5	+33 51	10.2	B2	308
39949	50.8	+27 18	7.7	G0II	51 659
				G2Ib	384 399
39962	50.8	-42 15	8.0	F2V	457 705
39967	50.9	+42 50	8.0	F6IV	38 sb
39970	50.9	+24 14	6.0	A0Ia	99 213 251 257
39983	51.1	+22 50	6.9	M5III	2 138 v
				M5eIII	259 765
40003	51.1	+23 25	8.6	B3Ib	213 251 257 486
40035	51.3	+54 17	3.9	K0III	53 55 65 71 83 82 101 131 145 475 469 535 687 714 758 106
40111	51.8	+25 57	4.9	B0,5II	758 sb
				B0,5III	584
				B0,5IV	13
				B1Ib	99 105 131 213 251 257 399 598 728 135 729

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	5h				
40136	51.9	-14 11	3.8	F0IV	467 640 641 645 705
				F0V	112 472 677 714
40170	52.1	-20 02	8.4	F6V	38
40183	52.2	+44 56	2.1	A2IV	22 81 126 152 188
					299 458 474 483 529
					640 641 714 758 sb
				A2IV+A2IV	765 (A0p)27
				A2V	71 131 734
249695	52.2	+30 12	9.0	B1:V:pnne	251 257
40239	52.5	+45 56	4.6	M3II	138 140 145 259 178
					472 758 v
270196	52.5	-70 17	11.2	B1,5Ia	477
249788	52.6	+23 14	9.4	B1V	99 213
40259	52.6	+02 04	8.3	F0V	38
40280	52.7	+25 46	6.4	G9III	117
				K0III	659
40292	52.7	-52 40	5.3	F0V	457 705 714 717
40297	52.8	+27 33	7.9	A0Ib	213 251 257
40300	52.8	+06 31	8.1	F3IV	38
40312	52.9	+37 12	2.7	B9III	732 sb
				B9,5p	131
				A0III	640
				A0p	22 81 126 152 483
					555 758 299 287
40325	53.0	+44 35	6.4	K2III+K0III	313
249845	53.0	+32 53	8.8	B2:V:nn	251 257
40369/70	53.2	+12 48	5.8	K2III+A5V	177 vb
40457	53.8	+35 18	8.0	F5Ib	211 766 v
40460	53.8	+27 17	6.5	G9III	117 sb
				K0III	659
				K1III	253 459 469 475 514
250028	53.8	+25 06	8.9	B2:V:pnne	213 251 257
40494	54.0	-35 18	4.4	B3IV	640 641 645 705
AZ Aur	54.2	+39 42	10.5	Ne	6 v
				C8e	259
40512	54.2	+02 28	8.1	F5IV	38
40535	54.3	-09 24	6.3	F2II	106 155 47 sb
40536	54.3	-09 34	5.1	Am	47 516 555 714 sb
250163	54.4	+19 11	10.2	B1,5:V:pne	213 251 257
				B2Vpe	99
40567	54.6	+66 58	8.2	F5IV	38
40570	54.6	+15 06	7.7	K3Ib	387
40588	54.7	+31 02	6.0	A0V	194
40589	54.7	+27 35	6.1	B8p	48 vb
				B9Iab	213 251 257
				A0Iab	194
40602	54.8	+08 57	8.1	Am	181 559
250289	55.0	+23 20	9.2	B2III:e	213 251 257 482 ts
250290	55.0	+23 18	8.6	B3Ib	213 251 257 482 642
250310	55.1	+20 14	9.0	B3V	99 213
40657	55.1	-03 05	4.7	K2III	53 106 299 714 v
250371	55.4	+23 08	9.9	B6V+F0IV	104 sb
40724	55.6	+22 24	6.3	B8V	194
	56.0	+20 12	11.5	B1V	257
40801	56.1	+42 56	6.1	K0III	253 469 475 714
40808	56.1	-42 49	4.0	K0III	645
40887	56.6	-31 03	7.8	K4p	705
40893	56.7	+31 02	8.9	B0IV:	251 257
40894	56.7	+28 40	7.6	B2V	251 257
40913	56.8	-02 21	8.5	M7ep	765 v
XZ Aur	56.9	+47 17	12.0	N	6 v
40931	56.9	+13 02	7.4	M0III	38
40932	56.9	+09 39	4.2	Am	25 81 277 289 555 287
					626 724 vb sb
40953	57.0	-79 23	5.6	B9n	705
				B9,5V	460
40960	57.1	+18 00	7.8	K1III	38
40967	57.1	-10 36	5.0	B5IV	81 sb
40972	57.1	-25 25	5.9	A1V	456
250792	57.3	+19 23	9.3	G0V	253 296 462
41028	57.5	+14 21	8.2	F4IV	38
41040	57.5	+19 42	5.2	B8III	194 sb
41076	57.9	+11 41	6.0	B9,5V	194
41117	58.0	+20 08	4.7	B2I	22 758
				B2Ia	20 42 50 55 65 71
					74 83 99 135 172
					173 213 251 399 418
					483 486 529 530 531
					584 598 665 699 729
					728 105 v
41159	58.2	+74 32	8.1	F5III	38
41161	58.2	+48 15	6.5	O9n	135 76 729 sb
41172	58.2	-27 26	7.1	F5IV-V	457 705
251117	58.7	+28 46	9.1	B0IV	251 257
41255	58.8	-16 02	8.0	F7V	38
41269	59.0	+33 36	6.1	B9IIIp	194
251204	59.0	+23 24	10.3	B0IV	257
DV Ori	59.3	+11 52	13.2	M2p	765 v
251311	59.4	+23 01	8.8	B1,5:IV:n	213 251 257
41335	59.4	-06 42	5.1	B2IV,V	118 sb
				B2IV,Vnne	105 197
				(B2p)IV	584
251383	59.7	+26 34	10.1	K2V	253
41398	59.8	+28 56	7.4	B2Ib	99 135 141 251 257
	6h				
41429	00.0	+29 31	6.3	M3II+F7V	391
41430	00.0	+29 06	9.3	K3III	659
41456	00.2	+26 32	7.6	G5III	38
				G8III	659
41467	00.3	+41 52	6.0	K0III	117
251617	00.6	+25 34	10.0	B9V	253
41534	00.6	-32 10	5.6	B2IV	481
				B2V	457 705
				B2,5V	337
				B3IV	729
				B3V	379 599 600
41563	00.8	+26 40	7.5	G6III	38
251670	00.8	+24 33	9.0	B1-2V?	99
251726	01.0	+19 02	10.0	B1V:e	213 251 257
				B2III-Vpe	99
41597	01.2	+58 57	5.4	G8III	53 101 106 469 475
					535
41608	01.2	-05 52	7.2	M1III	38
41636	01.3	+41 04	6.3	G9III	62 117
				K0III	253 469 475 714
251847	01.4	+23 45	8.7	B1IV	99 213 251
41658	01.4	+18 49	8.3	F3III	38
41690	01.6	+21 53	8.0	B1V	99 213 251 257 598
41692	01.6	-04 11	5.4	B5IV	105
41695	01.6	-14 56	4.7	A0n	705 sb?
				A1V	81
41708	01.7	+27 27	8.2	G0V	659
41711	01.7	+18 56	7.7	F8V	664
251976	01.8	+19 43	9.8	F0V	664
252002	01.9	+17 32	9.1	A2V	664
41753	01.9	+14 47	4.4	B3IV	640 641
				B3V	105 130 483 598 697
					728 729 sb
41787	02.1	+18 41	8.7	A1V	664
41788	02.1	+18 25	8.1	G5IV	664
41831	02.3	+22 14	9.0	B3V	99 213
41841	02.3	-23 06	5.5	Am	555
41843	02.3	-29 45	5.7	A1:V	457 460 641 645
41870	02.5	+22 38	8.8	F8Ib-G5Ib	46 765 v
252181	02.6	+19 11	9.3	F0IV	664
41908	02.7	+19 29	8.8	A8III	664
41927	02.8	+65 44	5.4	K2II-III	53 106 469 475 714
252265	02.9	+19 05	9.8	A5V	664
252321	03.1	+23 54	8.9	B1V	99 213 251
252325	03.1	+20 39	10.8	B1:V:	257
41994	03.2	+27 13	8.0	G5II	659
41997	03.2	+15 44	8.5	O7	139 251 257 598
				O7-8	486
252411	03.4	+19 11	10.0	A5III	664
42061	03.6	+70 42	7.8	G7III	38
42067	03.6	+19 15	8.3	F2IV	664
42068	03.6	+17 52	8.2	F7V	664
42069	03.6	+17 12	8.3	A3V	664
42078	03.6	-42 17	6.2	Am	422 555
42087	03.7	+23 08	5.8	B2eIb	665 vb
				B2,5Ib	74 213 251 257 477
					483 486 546 697 99
					173

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	6h				
42088	03.7	+20 31	7.4	06	48 74 76 99 115 135 139 141 213 251 257 538 642
42106	03.8	+30 34	7.8	G7III	38
252510	03.8	+20 06	9.3	A0V	664
42159	04.1	+19 42	8.1	F2III	664
42160	04.1	+17 58	8.3	G2V	664
42176	04.2	+30 59	8.1	F7V	38
42198	04.3	+19 08	8.7	A0V	664
42199	04.3	+17 44	8.1	A5V	664
252682	04.3	+13 08	10.2	09V	257 139
42272	04.7	+26 03	7.4	N	6 v
				N3($C4_6$)	765
42273	04.7	+17 43	7.9	K2V	664
42286	04.7	-59 30	8.0	K0V	705 713
42294	04.8	+18 44	7.9	A2IV	664
42301	04.8	-22 24	5.5	A0IV	456 641 645
42351	05.1	+18 09	6.4	K1II	664
				K1II-III	117
	05.1	+13 12	10.6	09V	257 139
252904	05.2	+18 13	8.9	B9V	664
42368	05.2	+17 17	8.5	B8IV	664
42379	05.3	+21 36	7.8	B1II	74 99 135 141 213 251 257
252924	05.3	+20 35	9.0	K1IV	664
42397	05.4	+25 02	7.7	G0IV	659
42400	05.4	+20 56	6.9	B5II	74 99 135 213 251 257 486 598
252956	05.4	+13 09	10.2	B0,5IV	257
42434	05.6	+18 16	8.7	B9V	664
42454	05.7	+29 31	7.4	G2Ib	659
42456	05.7	+14 30	8.2	G5Ib	387
42466	05.8	+51 12	6.3	K1III	117
42474	05.8	+23 14	7.4	M2epIab+B	259 765 v
				M3ep	99
				M3p	174
42475	05.8	+21 54	6.6	M1:Ia	2 v
				M1Iab	99 765
253049	05.8	+20 10	9.4	B2IV	213 251 257
42476	05.8	+17 24	6.9	A0IV	664
42477	05.8	+13 40	5.9	B9,5V	194 714
42509	06.0	+19 49	5.7	B9,5V	194 714
253138	06.1	+18 22	9.3	F2III	664
42531	06.1	+17 48	7.9	B9,5V	664
42543	06.2	+22 56	6.3	M1Ia	42 48 99 124 138 282 646 765 v
				M1Ia-Iab	388
42544	06.2	+19 33	7.9	K2III	664
42545	06.2	+16 09	4.9	B3V	640
				B5V	130 598 732
253180	06.3	+21 58	9.6	B0,5V	99 213
42559	06.3	+17 47	8.5	K2III	664
42560	06.3	+14 14	4.4	B3V	105 130 172 598 640 732 sb
253214	06.4	+20 07	9.4	B1,5:V:nn	213 251 257
				B2Vnn	99
253236	06.5	+22 55	9.6	B1V:	99
253247	06.5	+18 03	9.8	B0V	257
				B1V	251
42616	06.6	+41 44	6.9	A2p	174 555
42618	06.6	+06 49	7.1	G4V	253 714
253327	06.8	+18 01	10.8	B0,5V::	257
253328	06.8	+17 32	10.1	A0III	664
42690	07.0	-06 31	5.1	B2V	105
				B3IV	640
42708	07.1	+19 51	8.3	A9III	664
253393	07.1	+17 24	9.1	K0(III)	664
253440	07.3	+19 28	9.3	F0IV	664
42758	07.4	+19 02	7.5	B8III	664
42784	07.6	+18 43	6.2	B8V	194 664
42807	07.7	+10 40	6.5	G6V	677
42818	07.8	+69 21	4.7	A0V	81
42820	07.8	+42 10	8.0	F8V	38
253575	07.8	+18 26	10.0	F0IV	664
253591	07.9	+22 32	8.3	B1V	99 213

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	6h				
42841	07.9	+19 22	7.5	G5II	664
42855	08.0	+86 46	6.6	K3III	253 714
42872	08.1	+17 34	8.7	A2V	664
253659	08.1	+16 33	9.7	B0,5V:nne	251
42895	08.2	+20 22	8.7	A0IV	664
42896	08.2	+20 13	9.0	B1:V:nn	213 251 257
				B5IV	664
253682	08.2	+19 40	8.7	F6IV	664
253683	08.2	+19 00	9.5	B0,5IV	213 257 vb
				B3III:	99
42907	08.3	+19 30	8.2	G5IV	664
42911	08.3	-04 58	7.5	G7III	38
42921	08.4	+17 08	8.3	F5V	664
42954	08.6	+17 57	5.7	Am	181 559
42955	08.6	+14 32	7.7	A1V	560
42956	08.6	+14 28	8.4	A5V	560
42981	08.7	+25 17	9.8	K2II	659
42995	08.8	+22 32	3.7	M2III	2 sb
				M3III	8 124 138 259 472 714 758 765
253831	08.8	+19 17	9.3	A9V	664
253833	08.8	+18 01	9.8	A5V	664
42997	08.8	+17 28	8.5	B7III	664
42998	08.8	+15 20	8.3	A9V	560
43019	08.9	+19 20	8.7	B9,5III	664
43039	09.0	+29 33	4.4	G8III	53 101 106 253 469 475 535 714 v
43042	09.0	+19 12	5.2	F6V	53 106 714
43043	09.0	+16 04	6.7	G8III	560
43044	09.0	+14 38	6.8	B8V	560
43060	09.1	+13 14	8.7	B3V	560
43071	09.1	-36 32	6.9	B3V	481
43078	09.2	+22 20	8.6	B0IV	135 213 251 257 486
				B0,5III	99 141
253928	09.2	+15 39	8.7	B8V	560
43097	09.3	+14 44	8.8	B5II	560
CY Ori	09.3	+09 37	12.3	G0V	682 765 v
43107	09.3	-68 49	5.2	B8V,	641 645
43112	09.4	+13 53	5.8	B0,5V	531 v
				B1V	65 304 251 598
43131	09.5	+13 04	9.3	A6V	560
43147	09.6	+44 46	8.6	G9V	253
43150	09.6	+19 34	8.7	A7V	644
43151	09.6	+17 48	8.9	M2(III)	644
43152	09.6	+16 29	7.5	K5Ib	560
43153	09.6	+16 11	5.3	B7V	194
254042	09.8	+24 06	8.8	B0,5:IV:nn	213 251 257
				B1III	99
43185	09.8	+18 20	6.8	K2III	664
254052	09.8	+16 29	9.1	F3V	560
254053	09.8	+16 16	8.6	A4III	560
43186	09.8	+15 52	8.8	B9V	560
43206	09.9	+23 50	9.4	F6V	560
43210	09.9	+12 08	8.5	F2II	51
				F6III	384
43230	10.0	+20 33	9.0	A3V	664
43232	10.0	-06 15	4.1	K3III	53 714
43236	10.0	-19 30	7.9	M3III	38
43247	10.1	+12 35	5.4	B9II-III	194
43261	10.2	+24 00	6.1	G5III	714 27
43282	10.3	+19 06	7.9	G5II	664
254177	10.3	+17 41	9.6	F0III	664
43285	10.3	+06 06	6.0	B6V	584
254209	10.4	+19 38	9.6	G8IV	664
43298	10.4	+18 11	7.9	A2V	664
254236	10.5	+18 50	9.8	K2III	664
43315	10.5	+17 58	8.8	A5III	664
254241	10.5	+15 32	9.7	G8V	560
43316	10.5	+14 07	8.5	A6V	560
43318	10.5	-00 28	5.7	F6V	253
43335	10.6	+17 12	6.5	K5II	664
43355	10.7	+19 02	7.3	F7IV	664
254297	10.7	+18 25	9.2	A5(IV)	664
43378	10.8	+59 03	4.4	A2V	81 299 472 714
43380	10.8	+46 24	6.5	K2III	253 469 475 714

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	6h				
43382	10.8	+35 10	6.6	F6V	47
43383	10.8	+25 31	9.0	F8V	659
43384	10.8	+23 46	6.3	B3Ia	65 665
				B3Ib	42 48
				B3Iab	74 99 135 141 213
					251 257 486 598 642
					697
43386	10.8	+12 18	5.1	F5IV-V	53 106 287 665 714
					725
254346	10.9	+22 13	9.6	B2-3III?	99
254350	10.9	+15 50	9.3	G5III	560
254374	11.0	+17 28	9.5	F8IV	664
254399	11.1	+15 36	9.7	G5V	560
254429	11.2	+12 07	9.1	F8II	384 51
43445	11.2	-13 41	5.0	B8V	81
43458	11.2	+18 57	7.1	G5III	664
43459	11.2	+18 25	8.3	G8III	664
43480	11.3	+18 43	7.8	G5II	664
43481	11.3	+14 12	8.5	B9V	560
43496	11.4	+15 53	7.2	B8II	560
43497	11.4	+13 44	8.4	K3III	560
43502	11.4	-20 10	7.5	K0III	38
254502	11.5	+19 24	9.3	A0IV	664
254577	11.8	+22 26	9.5	B0,5II-III	99 213 251 486
254584	11.8	+14 35	9.2	G0III	560
43562	11.8	+13 24	8.7	A1V	560
43581	11.9	+26 28	8.0	K0II	659
43582	11.9	+22 41	9.0	B0IIIn	213 251 257 486
43583	11.9	+14 05	6.5	B9,5V	194
43607	12.0	+19 30	7.5	A0V	664
254647	12.0	+11 14	10.0	Bpe	257
43624	12.1	+27 14	6.7	K1III	253
43625	12.1	+17 40	8.5	A0V	664
254686	12.2	+15 45	9.2	G5III	560
43648	12.2	+13 21	8.5	A5III	560
43649	12.2	+13 03	8.8	A3V	560
+8°1263	12.2	+08 34	9.5	N	6 93 765 v
254699	12.3	+23 36	9.3	B1V	99 213 251 257 486
43662	12.3	+17 09	8.3	A1V	664
43682	12.4	+15 59	8.3	Am	26
				F0IV	560
43683	12.4	+14 25	6.0	A2V	194
				A3V	560
43693	12.5	+28 05	8.0	K2III	659
254755	12.5	+22 43	9.0	O9Vp	99 139 213 251 257
43703	12.6	+23 03	8.7	B1IV:p?	213 251 257
				B1IVp(e)	99
				B3ne	28
43726	12.7	+19 36	8.7	A1V	664
254828	12.7	+15 11	9.7	A1V	560
-0°1246	12.7	-00 12	9.5	N	6
254848	12.8	+15 41	8.5	A2V	560
254850	12.8	+14 23	8.7	G2III	560
43748	12.9	+78 02	7.8	G5III-IV	38
43753	12.9	+23 02	8.1	B0,5III	99 74 135 141 213
					251 257 486
43754	12.9	+19 23	8.9	B9V	664
254874	12.9	+18 27	9.9	K0V	664
254898	13.0	+13 43	9.7	A3V	560
43785	13.0	-35 06	4.5	G8III	645
43795	13.1	+42 50	7.8	G6III	38
	13.1	+14 33	10.9	B0V	257
254960	13.2	+13 50	9.4	B5V	560
43818	13.2	+23 30	7.0	B0II	99 74 135 141 213
					251 257 598
43820	13.2	+13 48	8.5	A2Ib	560
254979	13.3	+18 37	9.8	F7IV	664
43827	13.3	-16 46	5.3	K3III	53
43834	13.2	-74 43	5.1	G5V	457 677 645 705 714
43836	13.3	+23 19	7.0	B9II	42 99 598 646
				A0II	213 251
43837	13.3	+20 37	8.4	B2Ibp?	213 251
43839	13.3	+18 55	8.4	G5II	664
255017	13.4	+14 41	9.4	A5Ib	560
43855	13.4	+14 07	7.7	F5V	560
43856	13.4	+06 46	8.1	F6V	38

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	6h				
	13.4	-01 07	9.2	N	6
255036	13.5	+17 26	9.9	A7III	664
255055	13.6	+23 20	9.1	O9Vp(e?)	99
				O9V:p	139 213 251 257
43905	13.7	+53 30	5.4	F5III	53 106 714 sb
255091	13.7	+23 52	9.4	B2V	99 213
43907	13.7	+22 09	8.8	B1V:p?	213 251 ts
255093	13.7	+20 16	9.4	B1,5V	99 213 vb
43909	13.7	+13 49	8.4	A1III	560
43910	13.7	+13 02	7.7	A2Ia	560
255134	13.8	+23 19	9.2	B1IVp	99 213
43929	13.8	+16 13	7.9	F5V	560
43930	13.8	+13 30	7.8	K1V	560
43931	13.8	+13 29	7.0	F7V	560
255168	13.9	+23 53	9.6	B1V	99 213
43947	13.9	+16 03	6.5	F8V	560
255176	13.9	+15 06	9.6	B9V	560
43955	13.9	-19 56	5.3	B2V	105 sb
255252	14.2	+16 16	10.0	A5II	560
44007	14.2	-14 48	8.3	G2III	253
44019	14.3	-00 53	7.6	K2IV	38 471
44030	14.4	+25 39	7.9	K4III	253
				K5III	659
44033	14.4	+14 41	6.0	K3Ib	560
44034	14.4	+14 17	9.1	A7II	560
255371	14.6	+16 12	8.9	A2V	560
44073	14.7	+18 05	7.6	G7III	38
44092	14.8	+29 35	6.3	A1V	194
255413	14.9	+13 09	9.4	B9III	560
44112	14.9	-07 47	5.1	B2V	105 645 sb
44128	15.0	+15 45	8.7	B9III	560
255465	15.0	+14 31	9.1	A1V	560
44139	15.1	+22 13	8.8	B0,5V	213 251 257
255536	15.2	+14 05	9.5	G5V	560
255565	15.3	+15 06	9.3	B8V	560
44172	15.3	+14 45	7.3	B6V	560
256046	15.6	+13 09	9.0	A2V	560
44252	15.7	+22 57	8.1	F3IV	38
44316	16.1	+28 57	7.7	K1III	659
44388	16.5	+47 45	8.3	Ne	6 v
				Ce	259
44391	16.5	+28 02	7.7	G9II	117
				K0Ib	659
BN Mon	16.5	+07 21	13.0	N	6 v
				M2	765
44402	16.5	-30 01	3.7	B2,5V	645 sb
				B3V	439 640 641 705
44414	16.6	+14 55	8.4	F5Ib	560
44415	16.6	+14 44	8.3	F2-G0Ib	765 v
				F4Ib	38
44420	16.6	-00 29	7.7	G4V	38
BY Gem	16.7	+20 35	14.7	M5p	765 v
44453	16.8	+16 12	8.7	A2V	560
44458	16.8	-11 44	5.5	B1Vep	105 251 sb
256035	16.9	+22 55	9.6	O9V:p	99 213 251
44478	16.9	+22 34	3.2	M3III	138 145 149 178 187
					259 282 299 472 617
					714 v
44498	17.0	+08 22	8.7	B2,5V	257
44506	17.0	-34 06	5.6	B1,5Vn	481
				(B1,5V:)	251
				B2Vn	456 705
44537	17.2	+49 20	5.1	K5Iab	42 47 v
				M0Iab	101 138 145 178 282
					469 535 765
256149	17.2	+14 33	9.5	B8V	560
44544	17.2	+03 29	11.6	Se	259 v
				Spe	765
44585	17.4	+15 54	8.2	B7V	560
44597	17.5	+20 27	9.0	O9V	139 251 257
44615	17.6	+29 01	9.1	F6V	659
44630	17.7	+58 47	8.0	F5IV	38
256276	17.7	+22 27	9.2	B1,5:V:nn	251 257
44636	17.7	+15 55	8.7	B8V	560
				B9p	26 555
44637	17.7	+15 09	7.7	B2V	560
				B2V:pe	251 257

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	6h				
44653	17.8	+25 04	10.7	Ne	6 765 v
				Ce	259
256321	17.8	+14 35	9.1	F7V	560
44676	17.9	+14 05	7.8	K1III	560
44691	18.0	+56 20	5.6	Am	474 516 555 714 27 sb
44700	18.0	+03 49	6.2	B3IV	130 598
44708	18.1	+58 28	5.5	K4III	53 106 469 475 687 714
				K4III + G8III	313 sb
256413	18.1	+19 58	8.9	B5III	251 257 486
44738	18.3	+14 10	7.3	A0p	26 555
				A2Ib	560
44743	18.3	-17 54	2.0	B0,5II-III	13 sb
				B1II	444 640 641 645 705
				B1II-III	22 79 80 102 131 197 251 287 350 352 360 439 584 728 729 758
				B8V	172
44768	18.5	+15 55	7.6	A0III	560
44769	18.5	+04 39	4.5	A5III	640 641 705 sb
				A5IV	112 180
				A5IV+dF4	714
-7°1402	18.5	-07 25	9.5	N	6
44780	18.6	+25 06	6.3	K1III	117
				K2III	659
256577	18.6	+08 21	9.5	B2IV:p(e)	257
44811	18.8	+19 45	8.4	O7,5V	139 251 257
44812	18.8	+13 04	7.4	G5Ib	560
44851	19.0	+12 55	7.9	K0V	560
44867	19.1	+16 07	6.2	G8IV	560
				G9III	117
256733	19.1	+15 52	8.4	B8V	560
44884	19.2	+15 04	8.9	B9V	560
44885	19.2	+13 05	8.7	B8V	560
44894	19.2	-20 53	8.3	G6II-III	38
44905	19.3	+14 28	8.9	A4V	560
256791	19.3	+13 57	9.0	B6IV	560
256816	19.4	+16 10	8.8	B5V	560
44927	19.5	+23 23	6.0	A0V	194
44943	19.5	+16 06	8.7	F5V	560
256856	19.5	+14 54	8.8	B3V	560
44951	19.5	-11 28	5.4	K3III	53 106 645 705 714
44965	19.6	+11 45	7.8	B3II	251 257
44984	19.8	+14 48	6.6	N	6 765 v
				NO $C6_2$	107
				Nb	535
				C	469
44990	19.8	+07 08	6.3	F7-K1Ia-Ib	17
				F7-K1Iab	259 765 v sb
				F7,5-G8 Ib-Iab	207
				G0Ib,G5Ip	51
				G5Ip	469
45008	19.9	+14 05	8.5	A2V	560
45009	19.9	+13 45	9.6	A2V	560
45025	20.0	+13 20	8.3	B8V	560
AG Aur	20.1	+47 05	10.0	G0eIb-K0ep	46 765 v
45044	20.1	+14 09	7.7	F6V	560
45046	20.1	+13 54	8.7	K0II	560
45057	20.1	-53 17	7.0	B5III	496 705
257051	20.2	+15 41	9.0	B8V	560
45087	20.3	+19 08	8.2	N	6 v
45089	20.3	+15 13	7.0	K0III	560
45106	20.4	+14 15	8.3	A3V	560
+61°887	20.5	+61 36	8.6	M5III-IV	2 765 v
-26°2983	20.5	-27 01	8.6	N	6
45166	20.8	+08 03	9.6	Bpe	251 257 v
				WN7	401 538
				W7 + B	427 (Oe:48)
45180	20.9	+15 35	6.7	B9V	560
45194	21.0	+13 10	6.6	F7V	560
45207	21.1	+29 42	8.5	F8II	659
45229	21.1	-56 19	5.7	Am	516 555 714
45289	21.4	-42 49	6.8	G5V	705 713 714
45314	21.6	+14 57	6.6	O9?pe	139 251 257
45320	21.6	-01 27	5.7	A7IIIp	456
45336	21.7	+29 19	9.6	K5III	659
SW Mon	21.7	+05 26	9.1	M4III	2 765 v
45348	21.7	-52 38	-0.8	FOIa	439 444 449 640
				FOIab	456 641
				FOIb	645
				FOII	19 710
45379	21.9	-00 59	8.2	F3III	38
45394	22.0	+20 34	6.1	A2V	194 714
45410	22.1	+58 14	6.0	K0IV	253 687
45412	22.1	+30 33		F5,5-G0Ib	207 v
45416	22.1	+00 22	5.3	K1II	82 145 178 469 475 646
45427	22.2	+27 42	9.2	K1III	659
45528	22.9	+62 50	7.6	G9III	38
257886	22.9	+27 05	8.6	K2V	253
45530	22.9	+05 21	7.2	A1p	401
45542	23.0	+20 17	4.2	B5V	640 641 sb
				B7IV	105 458 584 598 729 732
45546	23.0	-04 42	5.0	B2V	105 645
257971	23.1	+11 22	8.9	B0,5III	251 257 486
45626	23.4	-04 23	9.4	B7pe shell	251 257
258184	23.7	+29 36	9.1	Am	555
258213	23.9	+30 31	9.7	K2III+K1III	313 sb
45723	24.0	+05 14	10.3	A3IV	401
45725/6	24.0	-06 58	4.7	B3IVe	729 vb sb
				B3V	584
				B3Ve	215 640
				B3Vpe	105
45760	24.2	+04 20	7.9	B9,5V	401
258397	24.3	+13 41	8.0	K5III	2 765 v
258403	24.4	+05 25	9.8	FOIII	401
45800	24.5	+25 57	9.5	G8II	659
45824	24.6	+26 43	8.0	G8III	117
				K0III	659
45827	24.6	+09 06	6.5	A0p	555 sb?
45829	24.6	+07 59	6.8	K0Iab	387 469 646
45901	25.1	+02 55	8.8	B2Ve	401
45910	25.2	+05 57	6.7	B2:IIIpe shell	197 251 257 v
				B5Iae	401 173:B6?p
258660	25.2	+04 50	11.5	G8V	401
45911	25.2	+04 25	7.9	B2V	401
+12°1177	25.3	+12 33	9.4	N	6 v
45951	25.4	+17 01	6.2	K2III+K0V	313 714 sb
45995	25.6	+11 19	5.8	(B0)III	584
				B2V:nne	251 257
45996	25.6	+04 43	8.9	B8V	401
258830	25.7	+04 54	10.8	K1III	401
46006	25.7	+04 35	8.1	G7III	401
46052	26.0	+32 31	6.0	A7V	188 714 sb
				A7V+A7V	766
	26.0	+16 11	10.6	N	6
46056	26.0	+04 54	8.2	O8	48 74 76 135 139 173 251 257 482 486 495 729
46057	26.0	+04 42	8.8	A0III	401
46075	26.1	+11 52	6.5	B6V	194
46089	26.2	+11 37	5.1	A4V	194 714
258985	26.2	+04 48	9.6	B9,5III	401
258986	26.2	+04 42	10.6	F6V	401
46105	26.3	+05 50	6.8	A1p	401
46106	26.3	+05 05	8.1	O9,5V	401 482
				O9,5-B1V	486
				B0,5V	74
				B1V	65 304 729 573
46107	26.3	+05 00	8.7	A2V	401
259012	26.3	+04 54	9.0	B2V	401
259013	26.3	+04 52	10.6	F6IV	401
46108	26.3	+04 35	8.8	A6V	401
46122	26.4	+06 51	7.7	G3IV	38
46136	26.5	+17 51	7.2	F6V+F4V	113 vb
46149	26.6	+05 06	7.6	O8	48 65 74 76 135 139

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	6h				
					251 257 401 573 729
				08V	486
				09V	495
46150	26.6	+05 00	6.7	06	65 74 76 84 91 115
					135 139 251 257 401
					486 532 595 598 705
				06f	729
259105	26.6	+05 00	9.8	B2V	401 486
259106	26.6	+04 44	10.4	F2p	401
46159	26.7	+29 28	9.2	G8III	659
46160	26.7	+27 54	9.5	K5III	659
259133	26.7	+05 25	10.7	G8III	401
259134	26.7	+05 17	10.6	G0IV	401
259135	26.7	+04 55	8.9	B1:V:n	257
				B6V	401
46179	26.8	+06 06	6.7	B9V	401 557
259171	26.8	+05 17	10.8	F6V	401
259172	26.8	+05 09	10.6	B2V	401
46180	26.8	+05 03	8.5	A3V	401
46184	26.8	-12 19	5.3	K3III	53 106
46189	26.8	-27 42	5.8	B4IV	481
46201	26.9	+05 13	8.9	F8V	557
				G0V	401
46202	26.9	+05 03	8.2	08,5	401 482
				09V	65 71 74 139 251
					573 729
				09,5III	495 692 705
46217	27.0	+54 08	8.0	F7V	38
46223	27.0	+04 53	7.3	05	65 74 76 115 135
					139 251 257 595 598
					646
				05f	729
				05-6	486
				06	401 482
				08	705
46241	27.1	+04 55	6.0	K0III	401 v
				K0V	557
46251	27.1	+33 06	6.4	A2V	194
259299	27.2	+05 07	10.6	A7V	401
	27.3	+04 57	10.5	B2V	482
259332	27.3	+04 49	10.9	K3III	401
46277	27.4	+28 03	7.8	G9III	117
				K0II	659
259376	27.4	+04 33	11.2	K2IV	401
46283	27.4	-07 20	7.2	Am	181 559
46300	27.5	+07 24	4.5	A0Ib	42 48 74 81 126 131
					152 163 251 399 401
					483 529 640 641 642
					646 665 758
46301	27.5	+03 53	7.6	F5V	557
46321	27.6	+42 34	9.2	N	6 v
259431	27.6	+10 24	8.7	B6pe	251 257
259440	27.6	+05 52	9.6	B0pe	251 257 401
46324	27.6	+05 26	8.7	K5III	401 557
46328	27.7	-23 21	4.4	B0III	640 705 sb
				B0,5IV	197 251
				B1III-IV	
				or B2III	350
				B1IV	114 360 102 765 v
				B1,5III	352
46336	27.7	+27 07	8.0	G9III	117
				K0III	659
	27.8	+05 01	9.8	B2V	482
259512	27.8	+02 52	10.2	F6V	401
46375	27.9	+05 33	8.5	K1IV	557
				K1V	401
	27.9	+05 07	8.7	08,5	482
46377	27.9	+01 20	7.4	K4III	38
259568	28.0	+05 00	11.6	K0IV	401
46388	28.0	+04 43	9.0	B6V	401
				B7V	557
259597	28.1	+08 24	8.5	B0,5:V:nne	132 251 257
				B2Vnne	401
+0°1472	28.1	+00 46	9.2	B2Ib	257
46421	28.2	+45 42	7.7	M4:III	2 v
				M5III	765
46423	28.2	+14 22	8.2	F6V	38
46424	28.2	+05 43	8.4	G5III	401
				G5V	557
259634	28.2	+05 22	10.0	B9III	401
+16°1194	28.5	+16 09	9.2	N($C8_3$)	6 1 765 v
46469	28.5	+05 34	8.5	B2V	558
46484	28.6	+04 44	7.7	B1V	251 257 486 598 558
46485	28.6	+04 36	8.3	07	495
				08	139 74 76 251 257
				09V	558
46487	28.6	-01 09	5.0	B3V	640 641
				B6V	105 645 732
46509	28.8	+71 50	5.7	K0III	117
259835	28.8	+04 52	10.4	F2V	401
46517	28.8	+05 12	8.1	A5V	557
				A7V	401
46532	28.9	+25 00	9.5	K2III	659
46553	28.9	+28 06	5.1	B9,5V	194 714
	28.9	+11 14	10.5	B3III	257
46557	29.0	+06 46	7.7	A2V	557
46559	29.0	+02 28	8.5	B7II	401
				B8I	251 257 486
259922	29.1	+04 14	9.8	G8II	557
46573	29.1	+02 36	7.9	07	74 76 115 139 251
					257 401 598
				08	495
259954	29.2	+08 26	9.2	B2IV	257 642
46597	29.2	+03 23	7.4	G5III	557
	29.2	+43 31		K1III	705
46612	29.3	+05 03	7.1	M0III	557
				M2III	401
260023	29.4	+06 45	9.3	A5V	557
260024	29.4	+06 24	9.4	A9III	557
46660	29.5	+11 12	8.0	B1V	251 257
46687	29.7	+38 31	6.2	N	6 v
				N3($C5_3$)	107 1 535
				C5	469
260123	29.7	+06 19	9.3	B6V	557
46711	29.8	+02 51	8.9	B3II	74 251 257 486
260189	29.9	+06 13	9.5	F6V	557
46742	29.9	-43 30	8.0	M2III	705 713
46748	30.0	+04 03	8.1	A2V	557
260297	30.2	+14 16	11.0	S8,5	98 765 v
46783	30.2	+09 56	8.1	B9Ib	251 257
46784	30.2	+05 35	8.3	M0III	557
46796	30.3	+19 38	8.1	A3V	557
46815	30.3	-36 09	5.4	B8V	557
46816	30.3	-39 34	8.0	K2III	557
46825	30.4	+13 47	7.0	Am	181 559
46845	30.5	+06 31	8.4	A4V	557
46846	30.5	+05 56	8.8	B3V	558
46847	30.5	+02 47	8.9	B0III:p	74 251 257
				B0III-IV	486
				B0IV	401
46867	30.6	+05 24	8.3	B0.5V	257 558
46869	30.6	+03 25	8.5	G0V	557
46883	30.7	+10 22	8.1	B0,5:V	251
				B2V:n	495 692
46884	30.7	+06 28	8.7	K0IV	557
46885	30.7	+04 35	6.4	B9V	557
46933	30.9	-22 53	4.5	A0V	645
46936	30.9	-32 38	5.6	B8V	460 481
46944	31.0	+28 03	9.4	F7V	659
46947	31.0	+06 20	8.4	K2II	557
46966	31.1	+06 10	6.9	08	74 76 135 139 251
					257 401
				09-	558
46967	31.1	+05 52	8.5	A0V	557
46986	31.2	+06 03	9.3	A2V	557
47020	31.3	+24 40	6.4	A3V	194
47032	31.5	+04 46	8.8	B0III	257
47072	31.7	+05 36	7.5	Am	181 559
				F0II	557
47088	31.8	+06 08	8.3	B1III	558
47089	31.8	+04 44	9.6	B5III	557
47100	31.9	+39 59	5.3	B8III	194

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	6h				
47105	31.9	+16 29	1.9	A0IV	65 81 82 94 126 131 152 174 194 208 180 224 299 483 529 641 646 665 714 732 733
				A1IV	78 sb
				A1V	19 22 439 640 758
47107	31.9	+05 53	7.7	B1,5Ia	558
47129a	32.0	+06 13	6.1	K0III	557
47129b	32.0	+06 13	6.1	O8	74 76 132 135 139 251 257 vb
				O8e	705
				O8f	729
				O9V	401 558 v
260830	32.0	+04 05	9.8	K0III	557
47138	32.0	-18 35	5.8	G8III + F3IV-V	313 714 sb
47152	32.1	+29 04	5.5	A0p	555
CX Mon	32.1	+01 00	11.8	S	765 v
47174	32.2	+42 35	5.1	K3II-III	535 101
				K3III	53 106 253 469 475
47179	32.2	+05 45	7.9	F7IV	557
47198	32.3	+05 01	8.0	G8IV	557
47205	32.3	-19 10	4.1	K1III	53 714 288 196 705 471 518 646
				K1IV	101 362 131
				K2III-IV	41 v
47220	32.4	+02 48	6.2	K1III	117
47230	32.4	-36 00	6.3	G0V	705 713 714 sb
47239	32.5	+06 46	8.9	G8III	557
47240	32.5	+05 03	6.2	B1Ib	135 74 251 253 486 558
261021	32.6	+03 42	9.5	B2III	257
47270	32.7	+44 06	6.2	K1III	117
47272	32.7	+04 21	8.3	B9V	557
261092	32.8	+05 23	9.4	A8III	557
47294	32.8	+04 10	9.3	F7IV	557
47306	32.8	-52 53	4.4	B9III	640 705 714
261116	32.9	+06 38	9.2	F7V	557
47314	32.9	+06 04	8.4	B8Ib	557
	32.9	+02 28	10.7	B1V	257
47339	33.0	+06 24	7.9	G8III	557
47358	33.1	+22 07	6.1	G9III	117
47359	33.1	+04 58	8.1	B0,5V(pe)	251 401
47360	33.1	+04 43	8.3	B0,5V	251 257 401
47382	33.2	+04 42	7.9	B0III	251 257 401
				B0.5III	558
47383	33.2	+03 27	8.4	A0V	557
47395	33.2	+28 21	5.8	B6III	194
47396	33.3	+22 42		N	6 v
47398	33.3	+04 44	8.4	B1III	401
				B1V	558
	33.4	+24 13	10.6	R2	308
47417	33.4	+07 00	7.0	B0IV	251 257
47418	33.4	+03 30	8.7	G5II	557
47430	33.5	+05 47	8.3	B8V	557
47431	33.5	+04 47	6.6	B6V	557
47432	33.5	+01 42	6.1	O9,5II	135 251 598 729
				O9,5III	42
47442	33.5	-18 09	4.4	K1III	53 106 705
				K1II-III	131 714(G5III)27
47483	33.8	+04 02	8.2	Am	557
261396	33.8	+05 32	9.1	F0V	557
	33.9	+03 44	10.7	B2V	257
47528	34.0	+05 33	9.3	A3V	557
47575	34.2	+13 05	5.9	A3V	194
47601	34.3	-43 22	6.9	B5III	469 705
47609	34.4	+05 17	8.7	K1III	557
47633	34.5	+06 09	8.3	B9V	557
47651	34.6	+04 50	8.7	B8V	557
47652	34.6	+04 18	8.5	A3V	557
261683	34.7	+09 24	8.8	K5III	400
	34.7	+18 50	10.5	N	6
47667	34.7	-14 03	5.0	K2II	53 106 705 714
				K3III	131
47668	34.7	-18 06	7.4	M2III	38
47670	34.7	-43 06	3.2	B8III	439 640 641 645 705 714 sb
CY Gem	34.9	+18 53		N	765 v
47730	35.0	+29 49	9.5	K1III	659
47731	35.0	+28 17	6.5	G5Ib	42 145 178 259 469 475
47733	35.0	+05 00	9.0	B6IV	557
261766	35.0	+03 29	9.8	F0III	557
261783	35.1	+09 42	9.2	K3II-III	400
261782	35.1	+10 04	9.8	G5IIIp(?)	400
47756	35.1	+06 28	6,4	B9V	557
47758	35.1	+03 38	7.8	K2II	557
47761	35.1	-04 36	8.6	B2V:pe	251 257
261818	35.2	+04 16	9.3	B9V	557
-0°1385	35.2	-00 16	9.9	O8	139 251 257
47817	35.4	+03 28	8.1	K3III	557
261885	35.4	+06 47	9.1	F2III	557
47821	35.4	-06 15	7.2	M3III	38
47836	35.5	+27 11	8.8	G8III	659
47839	35.5	+09 59	4.7	O7	50 76 84 96 115 131 135 139 251 507 532 595 598 642 728 758 705 sb
				O7f	729 735
				O8(V)	700
47863	35.6	+16 30	6.2	A0V	194
261975	35.7	+05 28	9.3	F8V	557
47883	35.7	+31 33	8.6	N	6 v
				N (C_3)	765
				R8	308 766
47887	35.7	+09 34	7.1	B2III:	251 257
47889	35.7	+05 48	8.9	B9V	557
47890	35.7	+04 34	8.7	A2V	557
47914	35.8	+44 37	5.2	K5III	53 101 106 253 469 475 535 62
262023	35.8	+06 09	9.3	B9V	557
47930	35.9	+57 01	7.2	M2III	38
47960	36.0	+25 34	9.5	M0III	659
47962	36.0	+04 15	8.2	F5III	557
47984	36.1	+06 13	6.8	B9V	557
47985	36.1	+47 07	8.7	B9V	557
48008	36.2	+25 28	9.3	F6V	659
48012	36.2	+10 08	8.5	K2II-III	400
48030	36.3	+05 03	8.1	A7V	557
262121	36.3	+29 32	9.8	G8III	659
48031	36.3	+04 35	8.8	F4III	557
48032	36.3	+04 20	8.9	A3V	557
48077	36.5	+04 48	9.3	A5V	557
48078	36.5	+04 30	9.1	A2V	557
48097	36.6	+17 45	5.1	A2V	194
48099	36.6	+06 27	6.4	O6	76 115 135 139 251 257 598
				O6f	729 vb
				O7	705
262320	36.8	+09 39	10.6	K2II-III	400
262323	36.8	+05 09	9.4	K2Ib	557
48157	36.9	+03 21	7.0	A2V	557
48228	37.3	+40 44	6.8	M4III	253
48272	37.5	+36 12	6.3	A2V	194
48278	37.5	+03 16	8.5	A3III	557
48279	37.5	+01 49	7.9	O8	48 135 139 251 257
48282	37.5	-10 24	8.8	B3III	251 257
48300	37.6	+05 17	8.3	A9III	557
48329	37.8	+25 14	3.2	G8Ib	42 82 87 101 131 145 178 187 259 342 469 535 646 758 399v
48347	37.9	+06 14	8.3	B9V	557
48383	38.0	-40 15	6.1	B3Vnnk	496 705
48393	38.1	+05 57	7.2	G5III	557
48432	38.3	+57 16	5.5	K0III	53 106 475 714
				K0III-IV	101 469 535 687
48433	38.4	+13 20	4.6	K1III	53 101 106 475 469 535
48434	38.4	+04 02	5.8	B0III	42 65 135 251 304 597 646 729
				B0,5Ib	401
				B0,5Ib-III	486

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	6h				
	38.5	-08 40	9.0	N	6
-3°1565	38.6	-03 18	9.4	A5-F0 (m?)	559
48532	38.8	+20 06	8.6	B2V?	99
48591	39.1	+29 28	8.8	F8V	659
48615	39.2	+12 11		B1V	251
48616	39.2	+03 15	7.3	F2II	51
				F5Ib	384
48638	39.3	+27 47	8.4	K3III	659
263084	39.3	+24 46	11.1	K2-3Ib + AOV:	313
48640	39.3	+24 46	9.5	K1Ib	659
				K2-3Ib+AOV:	313
48663	39.4	+12 21	8.6	B1V	251 257
48664	39.4	+03 25	12.5	N	93 204 6 v
48676	39.4	-42 28	7.9	G0IV-V	457 705
48682	39.5	+43 41	5.3	G0V	53 106 287 288 469 475 665 677 714 725 726
48688	39.5	+10 52	7.9	G0III	38
48691	39.5	+00 42	7.7	B0,5IV	251 486
48737	39.7	+13 00	3.4	F3IV	177 v
				F5IV	106 112 646 677 714 131
				F5III	30 45 97 287 288 469 528 665 725 758 763
+0°1576	39.7	+00 43	9.3	09III:	135 139 251 257
48739	39.7	-01 31	9.6	F5IV	254
48754	39.8	-04 17	8.9	Am (?)	559
48781	40.0	+48 54	5.3	K1III	53 101 106 469 475 535 714
	40.0	+02 12	10.4	B1V	257
48976	41.1	+09 18	7.4	K5III	38
48857	40.3	-50 21	6.9	B5V	496 705
48879	40.5	+67 41	5.0	B3IV	105 597 697 sb
48914	40.7	+02 37	7.5	B5Ib	401
48915	40.7	-16 35	-1.5	AOV	174
				A1V	19 22 30 65 71 27 59 81 126 131 152 287 288 295 296 299 439 444 472 474 529 598 640 641 645 646 665 677 710 714 725 758
				A1V+A5	285 96 vb
				A2V	458
	40.8	-00 24	10.5	Am	555
48948	41.0	+60 27	8.6	M0p	466
49028	41.3	-30 29	6.4	B8IV	481
49059	41.5	+18 18	6.2	A2V	194
49068	41.5	-20 45	7.5	K0Ib	38
	41.7	-12 49	9.0	N	6
49131	41.8	-30 51	5.9	B3V	456 705
49141	41.9	+26 49	9.0	K0III	659
49161	42.0	+08 09	5.0	K4III	53 106 469 475 714
FF Gem	42.0	+17 13	12.2	N	765 v
DE Mon	42.1	+00 19	13.6	N	765 v
49260	42.4	-47 08	7.3	B3Vk	496 705
	42.5	+00 47	12.7	N	6 765 v
49293	42.6	+02 31	4.7	K0III	53 101 106 469 475 535 714
49317	42.7	-20 34	8.4	G6III	38
49330	42.8	+00 53	8.8	B0:pnne	251 257
49331	42.8	-08 54	5.3	M1II	646
49336	42.8	-37 41	6.1	B3V	476 481
49340	42.9	+69 00	5.1	B7IV	105
+0°1608	42.9	+00 25	8.0	A2III	254
49365	43.0	+28 39	8.2	G0IV	659
49367	43.0	+06 19	7.7	K1II	38
49368	43.0	+05 39	8.5	S5,1	98 140
49409	43.2	+07 45	7.9	G0V	253
+1°1522	43.2	+01 20	10.1	K2Ve	765 v
49435	43.3	-01 43	7.4	K5III	38
49500	43.6	+25 36	7.2	K0III	659 sb?
				K1III	652
49520	43.7	+41 54	5.0	K3III	53 101 106 468 475 535 253 705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	6h				
49567	43.9	+01 06	6.1	B3II-III	251 486
49585	44.0	+00 12	9.1	B0,5:(V)nn	251 257
49591	44.0	-37 50	5.2	B9IV	645
49606	44.1	+16 19	5.7	B8III	194 714
49618/9	44.2	+59 34	5.4	G4III+A2V	177
49633	44.3	+46 38	7.6	G8II	38
49643	44.3	-02 10	5.6	B8V	456 641 645
49662	44.4	-15 02	5.3	B6V	105
				B7n	705
49683	44.5	-20 19	9.1	M4S	98
233289	44.6	+50 46	8.9	A5V	253 658
49713	44.7	-01 13	7.7	B9p	26 555
49787	45.0	-05 24	7.3	B1V:pe	251
49798	45.0	-44 13	8.6	O6	495
49862	45.4	-01 07	9.6	A5p	555
49878	45.5	+77 06	4.8	K4III	53 101 106 535 714
49908	45.6	+21 53	5.2	A2V	194 714
-60°704	45.8	-60 37	10.6	Am?	559
49976	45.9	-07 56	6.2	A0p	174 555
49977	45.9	-14 00	7.9	B1,5:V:pne	251
49992	46.0	-05 13	9.2	B(0)ne	3
				B1:pne	251 257
50012	46.1	-27 13	6.8	B3IV	481 v
50013	46.1	-32 23	3.8	B2Ve	640 641 645 705
50019	46.2	+34 05	3.6	A2I	22
				A3III	65 81 194 299 483 734
50058	46.4	+29 34	7.7	F5V	47
50060	46.4	+10 55	7.8	F9V	38
50064	46.4	+00 25	8.3	B6:Ia	251 257
50067	46.4	-09 58	7.4	K4III	38
50086	46.5	+00 29	8.3	B8III	642
50091	46.5	-13 07	8.5	B3pe shell	251
50093	46.5	-25 40	6.2	B3V	481
+1°1560	46.7	+01 30	9.7	08:	139 257
50169	46.9	-01 32	8.9	A2pe	28
	46.9	-03 23	10.1	A4p	174 555
50186	47.0	+25 25	7.4	Am	555
50223	47.1	-46 31	5.0	F5III	457 705 615 714
50241	47.2	-61 50	3.3	A5III	287 439 467
				A5V	472 640 641 645 714
W Mon	47.5	-07 02	9.7	N	6 v
50310	47.5	-50 30	2.8	K0III	449 640 641 645 705 714 sb
50371	47.8	+11 07	6.1	G9III	117 714
50372	47.8	+02 52	7.7	G6II	38
+0°1678	48.0	+00 51	10.0	F0V	254
50434	48.2	+14 53	7.8	G5III	38
50436	48.2	-04 27	8.1	N	6 93 v
				R8	308
50461	48.3	-07 39	7.7	A0p	181 559
50462	48.3	-12 02	7.0	Am	181 559
50485	48.4	-01 06	10.3	A (m?)	559
50503	48.4	-47 13	7.3	K2III	457 705
50506	48.4	-80 42	5.6	A4IV	641 645
				A5III	456 705
50522	48.6	+58 33	4.5	G5III-IV	112 714vb
50635	49.0	+13 18	4.7	F0V	472 vb sb
				F0Vp	112 299 714
289393	49.0	+00 55	10.6	M5III	765 v
50658	49.1	+46 25	5.8	(B8)IV	584
50696	49.2	+00 18	8.4	B1:(V)nne	251 257
50707	49.2	-20 06	4.7	B1III	13 v
				B1IV	251 197
				B1,5III	216
				B1-2III	371
50729	49.3	-04 47	9.1	A(m?)	559
50735	49.3	-08 39	8.3	F0V	38
50746	49.4	+02 44	8.1	F7V	38
-7°1623	49.4	-07 28	10.5	B9p	765 v
+40°1758	49.5	+40 13	9.1	K5V	253
50778	49.6	-11 55	4.2	K3+III	62
				K4III	53 106 299 253 203 645 705 714

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	6h				
50806	49.6	-28 24	6.0	G5IV	457 471 705 714
50820	49.7	-01 38	6.2	B3eV+K2II	281(173:B3:p)
50868	49.9	+05 34	8.1	B2Vne	495 692
50877	50.0	-24 04	4.1	K3Iab	42 47 145 399 646
				K3Ib	178 v
50891	50.0	-03 34	9.2	BO:pe	251
50896	50.0	-23 48	6.6	WN5	321 338
				WN6	427 538
EM Mon	50.1	-07 54	12.1	R:(C)	765 v
CL Mon	50.2	+06 31	11.0	Ce	765 v
				N6e	682
				N6e($C5_6$)	765
				Ne	6
50949	50.3	+41 14	9.6	R6p	6 765 v
50973	50.3	+45 13	4.8	A2V	81 458 27
-7°1629	50.4	-07 18	9.3	Am (?)	559
51002	50.5	+14 38	8.2	F4IV	38
IV Mon	50.8	+11 06	12.2	N	765 v
51101	50.9	+24 47	8.1	KOIII	659
51104	50.9	+10 05	5.9	B7V	194
BG Mon	50.9	+07 13	12.0	N	6 765 v
51106	50.9	-01 27	7.6	A3m	181 559
51193	51.3	-03 40	8.7	B1V:nn	251
51200	51.3	-21 54	7.1	B3IV	481
51208	51.3	-42 14	6.0	N	6
51219	51.4	+01 19	7.7	G8V	253 296 475
51283	51.6	-22 49	5.3	B3II-III	251
266902	51.7	+06 29	9.5	N	6 765 v
51309	51.7	-16 55	4.4	B3II	42 55 65 83 102 105 131 251 303 399 467 483 613 640 646 705
-1°1471	51.9	-01 37	9.9	BO,5III	257
51440	52.3	+38 12	6.2	K2III	253 469 475 714
51452	52.3	-04 04	8.5	BO:III:nn	251
51557	52.6	-70 50	5.5	B6IV	460 641 645
51608	52.9	-55 08	8.2	G7V	457 677 705
51610	53.0	+55 27	7.8	Se	259 v
				S3,9e	98
51620	53.0	+06 18	7.0	N	6 v
				Nb($C5_4$)	1 535
267341	53.3	+26 11	9.2	M5III	2 765 v
51688	53.3	+26 03	6.3	B8III	194
51689	53.3	+25 23	8.5	F8V	659
51690	53.3	+25 22	9.5	F8V	659
51710	53.4	+42 13	7.8	G7IV	38
51756	53.5	-02 53	7.2	BO,5IV	251 257
51814	53.7	+03 45	5.8	G8III	117
51825	53.7	-35 23	6.2	F8IV-V	705 713
51826	53.7	-36 45	7.4	B5IV	496 705
51833	53.8	+30 26	7.8	G8III	38
51834	53.8	+29 55	9.0	K4III	659
51866	53.9	+48 33	8.1	K3V	253 296 714
51886	54.0	+27 02	8.7	G8III	659
51925	54.1	-27 02	6.2	B3V	481
52071	54.7	+27 18	7,2	K2III	253 469
				K2IV	471 475 659
52089	54.7	-28 50	1.6	B1II	79 80 439 444 640 705 758
				B2II	13 20 42 251 300 483 529 641 645 646
				B2II-III	728 729
52101	54.8	+29 54	9.0	KOIII	659
52147	55.0	+29 22	8.7	G5III	659
267827	55.2	+26 22	9.0	G5III	659
52244	55.3	-16 03	9.2	B2:III:pne	251 257
52266	55.4	-05 40	7.2	O9V	135 139 251 257
52312	55.6	-08 16	5.8	B9III	456 641 645
52340	55.8	+02 16	8.3	F4V	38
52382	55.9	-09 04	6.4	B1Ib	251
52395	55.9	-29 34	7.8	GOV	457 705
52432	56.1	-03 -6	7.0	R5	308
				R5$C4_4$	1 646
				R6	6
52437	56.1	-21 59	6.3	B4Vne	481
				B4n	705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	6h				
52497	56.3	+24 21	5.2	G5II	42 47 106 112 145 259 469 665
52504	56.4	-03 00	9.5	B1:V:	251
EU Mon	56.4	-05 23	14.5	N	765 v
52533	56.5	-02 59	7.7	O9V	139 251
52690	57.1	-03 37	6.8	M1Ib+A,B	387 sb
52698	57.1	-25 48	6.7	KOV	457 677 705 714
52711	57.2	+29 30	6.0	G8IV	471 714
+0°1769	57.3	+00 38	9.4	B3III	251 257
52765	57.4	+25 14	8.8	G8III	659
52812	57.5	-27 05	6.7	B3V	481
52877	57.7	-27 47	3.7	MOIab	645 v
52918	57.9	-04 06	4.9	B3IV	640 v
				B1V	105 251 732
52960	58.1	+11 06	5.2	K3III	53 101 106 469 475 535
52973	58.2	+20 43	3.7	F7-G3Ib	259 17 765 v sb
				F7,5-G1,5Ib	207 - 112
52998	58.3	+14 49	8.1	KOIII	100
53032	58.4	-02 36	9.3	B6:(IV:)	251 257
				A0e	28
53111	58.7	+15 01	7.4	K2III	100
53138	58.8	-23 41	3.1	(B3I)	439 758 sb
				B3Ia	20 42 251 399 483 529 640 641 645 646 728 729 705
53143	58.8	-61 12	7.1	KOIV-V	705 713 714
52145	59.0	+54 19	7.5	K1III + F7IV-V + F8IV-V	313
53244	59.2	-15 29	4.1	B8II	78 156 172 483 598 641 645 646
				B8III	640 705
53257	59.3	+22 47	5.9	B9,5V	194
53291	59.4	+14 54	9.9	KOIII	100
+27°1311	59.5	+27 37	10.7	MOV	423
53349	59.6	-58 48	6.0	FOV	457 705 714
53356	59.7	+15 32	9.3	F8V	100
53367	59.7	-10 18	7.0	BOIV:e	251 257 486
53387	59.8	+15 29	9.6	F8V	100
53428	59.9	-08 42	8.4	B2Ib	251 257
	7h				
53451	00.0	+00 29	7.9	K1II-III: + F0:	387
53472	00.1	+25 01	8.9	K5III	659
53476	00.1	+15 10	9.2	G5V	100
53507	00.2	+15 04	8.7	K2III	100
53536	00.3	+15 20	7.1	KOIII	100
53561	00.4	+14 08	7.4	K5III	38
53590	00.5	-00 38	7.6	G8IV	38 471
53598	00.5	-20 41	7.2	MOII	38
53649	00.7	-08 52	9.1	BO,5III	251 257
53667	00.8	-08 34	7.8	Oe5	48
				BO,5III	251 257
53680	00.8	-43 25	9.2	K5V	705 713 sb
53704	00.9	-42 11	5.3	Am	645 sb
53705/6	00.9	-43 28	5.3	G3V	465 705 714 sb
53744	01.1	+28 20	3.2	B9V	194
53754	01.1	-08 39	8.2	B1II	251 257 486
53755	01.1	-10 30	6.5	BOV:	251 595
53756	01.1	-12 40	7.3	B2IV	251 257
53768	01.2	+15 02	10.4	F5V	100
53791	01.3	+22 52	7.1	Se	259174 v
				S3,9e	98
				S3,9-S6,9e	765
53792	01.3	+22 40	7.7	MOIII	2 765 v
53925	01.8	+37 36	6.2	K1III	117
53974	02.0	-11 08	5.3	BO,5IV	156 251 vb
				B2n	705
53975	02.0	-12 14	6.9	O8	139 251 257
-7°1742	02.1	-07 24	7.7	N	6 93 v
				N5($C6_5$)	1
54031	02.2	-30 30	6.9	B3IV	456
54046	02.3	+15 42	7.5	GOV	100
54118	02.5	-56 36	5.3	A0(p)	645

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	7h				
54224	02.9	-26 30	6.4	B1V	481
54244	03.0	+17 04	7.6	K3III	
				+K3III	313
54300	03.2	+10 11	7.0	Ce	259 v
54309	03.2	-23 41	5.8	B1:Ve	456
54361	03.4	-11 46	6.4	N	6 93 v
				R8	308
54370	03.5	+26 40	9.2	K2III	659
54439	03.7	-11 42	8.5	B2IIIn	251 257
54464	03.8	-03 54	8.3	B2:(V)pe	251 257
54489	03.9	+02 25	7.5	G9III	38
-0°1618	03.9	-00 52	9.6	B1V:ne	251 257
54493	03.9	-12 43	7.0	B2III	251
54519	04.0	-20 42	6.9	K5II	38
54542/3	04.1	-08 31	8.3	K2III+A1V	313
54587	04.3	+68 58	9.0	M5S	98 v
54605	04.3	-26 14	2.0	F8Ia	30 42 47 287 399
					439 444 449 477 529
					640 641 645 646 705
					758 763 sb
54662	04.6	-10 11	6.2	O6	76 115 132 135 139
					251 598 729 732
				O6,5	532
				O7	705
54669	04.6	-23 53	6.8	B3V	481
54684	04.7	+70 41	7.8	G2IV	38
54716	04.8	+39 29	5.1	K4II-III	53 106 469 475 714
54719	04.8	+30 25	4.5	K2III	53 101 106 469 475
					535 714
54764	05.0	-16 04	6.0	B1II	251
54786	05.1	-15 56	9.0	B0:pe	251 257
54801	05.2	+27 01	5.6	A4V	194
54810	05.3	+04 05	5.0	K0III	53 106 253 299 645
					705 714
54825	05.3	+26 34	6.6	K0II	659
				K0III	117
54879	05.5	-11 39	8.0	O9,5V	139 251
54893	05.5	-39 29	4.8	B3V	640 705
54901	05.6	+15 30	7.3	F2III	100
54911	05.6	-15 31	7.7	B2II	251 257
55036	06.2	-04 32	7.8	A3Ib	251
55054	06.3	+10 41	7.9	F7V	38
55055	06.3	+06 55	8.2	F0V	38
55080	06.4	+26 46	8.6	G8II	659
55185	06.8	-00 20	4.1	A0IV	81 456 641 645
				A0V	640 705
	07.0	+00 58	11.6	R2	6
55280	07.2	+59 49	5.3	K2III	53 101 106 469 475
					535 714
55284	07.2	+14 46	10.8	Nep	6 v
				C8e	259
				Rpe(C8e)	765
-72°378	07.4	-72 51	8.8	Ce	259
55438	07.8	-08 32	8.3	F0IV	38
55458	07.8	+25 11	8.4	K1V	253 714
55538	08.2	-15 19	8.2	B2III	251
55575	08.4	+47 25	5.6	G0V	253 714
55578	08.4	+28 38	9.6	G8V	659
55606	08.5	-01 54	9.1	B1:V:pnne	251 257
				B3ne	3
55621	08.6	+25 04	6.0	M1III	253 714 v
55719	08.9	-40 19	5.4	A3(p)	555
55720	08.9	-49 16	7.8	G6V	705 713 714
BO CMa	09.5	-19 32	9.0	N	6 v
55847	09.6	+22 09	7.4	K5III	38
55857	09.6	-27 11	5.9	B3IV	481
55865	09.6	-70 20	3.9	G8III	645 v
55879	09.7	-10 08	6.0	B0IV	135 251 642 729
55892	09.7	-46 35	4.5	F0V	472 645
-17°1866	10.1	-17 13	9.0	N	6 93
56014	10.2	-26 10	4.7	B2Ve	88 sb
				B3IIIpe	640 705
				B4V	420
				B5e	729
56022	10.2	-45 00	5.0	A0p	402 428 v
56023	10.2	-51 02	7.2	B3Vnk	496 705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	7h				
+5°1606	10.3	+05 14	9.5	N	6
56063	10.4	-16 56	9.1	A3(p)	559
56139	10.7	-26 36	3.8	B3IV(e)	439 614 640 705
				B3eV	122
56161	10.8	-30 28	6.9	G5IV	711
56167	10.9	+69 52	7.9	K0-R0	6 v
				R0($C3_1$)	308 1
				CO_1-$C3_2$e	259
56169	10.9	+49 39	4.8	A3III-IV	81
56176	10.9	+26 53	7.7	G7IV	659
	10.9	-17 20	10.5	N	6
56224	11.1	+26 33	7.4	K1III	253 469 475
				K3III	659
56274	11.3	-12 52	7.7	G0V	38
				G2V	253 296 462
56310	11.4	-16 03	6.8	B1V	251
56386	11.7	+31 09	6.0	B9,5V	194
56417	11.8	+27 19	8.9	G8III	659
56418	11.8	+26 31	7.6	G7III	38
				K1III	659
56455	11.9	-46 41	5.8	A0p	402 428
56495	12.1	-07 21	7.5	A3p	174 555
56513	12.2	+27 28	8.9	G2V	659
56537	12.3	+16 43	3.6	A3V	65 71 78 81 82 94
					126 152 177 194 195
					224 299 303 304 472
					483 640 641 665 714
					725 sb
56567	12.4	+01 17	9.6	S7,2e:	98 v
56629	12.7	+29 21	8.8	G8III	659
56731	13.1	-30 43	6.2	Am	422
56733	13.1	-38 09	5.7	B5IV	481
56737	13.1	+60 54	7.2	F3V	457 705 714
56761	13.3	+27 00	8.2	G8III	659
56779	13.3	-36 25	5.0	B2V	481 640 sb
56847	13.6	-15 27	8.9	B7Ib?shell?	251 257
56855	13.6	-36 55	2.7	K5III	645
56876	13.7	-26 37	6.3	B5Vn	481
56925	13.9	-13 03	11.0	WN7	321
56965	14.1	+10 35	7.4	M0III	38 v
56986	14.2	+22 10	3.5	F0IV	71 112 677 714 sb?
				F2IV	41 288 295 535 640
					641 758
				F2IV-V	106 726
56989	14.2	+02 54	5.8	G9III	117
57046	14.5	+46 25	8.0	F8V	38
57049	14.5	+15 21	6.5	A2V	194
57060	14.5	-24 23	4.9	O7f	76 135 251 729 sb
				O7f+O7	393
				O8f+O8f	765
57061	14.5	+24 47	4.4	O9III	71 76 79 80 84 135
					139 251 287 483 598
					640 642 717 728 729
				O9III-V	482 v
				O9V	44
57095	14.6	-46 49	6.7	K2V	457 677 705 714 vb
57146	14.8	-26 25	5.4	G0II	47
57150	14.8	-36 33	4.7	B3Ve	287 640 705
	14.9	-24 40	11.0	O9III	303
	14.9	-24 39	10.7	B2V	483
57160	14.9	+25 10	11.5	N	6 765 v
	15.1	-24 39	12.4	B2IV	303
57219	15.1	-36 34	5.1	B3V	287 640 705
57236	15.2	-21 49	8.8	O8	139
57264	15.4	+36 57	5.2	G8III	101 469 535
				K0III	53 106 475 714
57267	15.4	+26 21	7.9	G2V	659
				G5III	38
57362	15.8	+30 01	8.1	F4V	38
-19°1823	15.8	-19 16	9.7	F2Ib	51 384
57364	15.9	-05 04	10.1	K0II	259 765 sb
57386	15.9	-08 15	8.0	B1,5:V:pnne	251 257
-19°1829	15.9	-19 57	9.5	Am (?)	559
57435	16.1	-14 41	8.6	K3III	253 v
57470	16.3	+30 01	9.3	K1III	659
57573	16.7	-22 40	6.4	B3V	481
				B5n	705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	7h				
57593	16.8	-26 47	5.8	B3V	456 476 vb
57623	16.9	-67 46	3.9	F8I-II	456 705
				F8II	645 641
+9°1627	17.0	+09 06	9.4	K2V	253
57669	17.2	+40 52	5.3	K0III	53 101 106 469 475 535
57682	17.2	-08 48	6.4	O9V	76 135 139 251 646 729 732
57727	17.4	+25 15	5.1	G8III	53 101,106 469 475 535
57744	17.5	+23 08	6.0	A1V	194
+46°1264	17.7	+46 18	9.2	K0V	253
57840	17.9	-08 51	8.3	A9III	38
57884	18.2	-04 02	8.4	N	6
				R8	308
57890	18.2	-20 19	7.4	M6III	38
58050	18.8	+15 43	6.4	B3III	729 v
58061	18.8	-25 35	7.5	M5Ibp	398 v
-17°1952	19.0	-18 01	10.0	Am(?)	559
58121	19.1	+06 21	7.7	G7III	38
-3°1879	19.1	-03 21	9.5	M0p	765 v
58142	19.2	+49 25	4.4	A1IV	81
				A1V	174
58187	19.4	+11 52	5.3	A4III	194
58195	19.4	-22 47	9.2	N	6
58207	19.5	+28 00	3.9	G8III	82 758
				G9III+	158 187
				K0III	53 97 101 106 131 299 469 475 535 665 687 714
58260	19.7	-36 09	6.7	B3IIIk	496 705
58337	20.1	+22 07	9.5	R4	6
				R5	308
58343	20.1	-16 00	5.2	B3V	105
58350	20.1	-29 06	2.4	B5I	439 444 646 758
				B5Ia	20 42 251 287 399 483 529 640 641 645 665 705 729
58364	20.2	+22 05	9.2	R4	6
				R5	308
58367	20.2	+09 28	5.1	G8III	53 106 469 475 714
58385	20.3	-02 57	9.1	N	6
58439	20.5	-18 49	6.3	A2Ib	251 646
58461	20.6	-13 33	5.8	F0V	645
58477	20.7	+18 44	8.3	F2IV	38
58521	20.9	+46 10	6.3	M5Ib-II	2 765 v
58526	20.9	-05 35	6.1	G0I	51
				G3Ib	384
58552	20.9	+10 49	6.2	A2V	194
58599	21.2	+11 12	6.3	B6IV	194
KN Mon	21.2	-10 29	12.4	S:	765 v
58644	21.4	-08 54	8.1	B2IV	251
58683	21.6	+27 30	8.6	B8III	659
58715	21.7	+08 29	3.1	B8V	81 287 439 483 529 584 641 758 v
58728	21.8	+21 39	6.0	F5IV-V	53 714 sb
233399	22.3	+50 11	9.0	G2V	253
58855	22.3	+49 53	5.4	F6V	53 106
58881	22.4	-11 31	10.0	S3,9	98 140 v
58895	22.4	-58 18	6.6	G5IV	457 471 705 714
58898	22.5	+27 45	8.1	K2III	659
58946	22.7	+31 59	4.2	F0V	65 71 94 106 112 126 152 177 195 224 287 288 295 304 472 665 677 714 725 726 763 sb
58972	22.7	+09 08	4.6	K3III	56 106 469 475 sb
58978	22.8	-22 53	5.5	B0IV?pe	135 251
				B1Ve	88
59037	23.1	+28 19	5.4	A6V	194 714
59058	23.2	+38 40	7.7	G5V	38
59059	23.2	+15 19	6.1	B9V	194 714
59067/8	23.2	-11 21	5.9	G8Ib-II+B +B8V	391 vb v
59075	23.2	-18 17	7.6	B8I:	251 257
59076/7	23.2	-20 57	7.7	G0pIII+A	38 vb

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	7h				
	23.3	+21 07	10.6	O6	84
59094	23.3	-15 53	8.4	B2V:nne	251 257 486
59148	23.6	+28 07	5.1	K2III	53 106 469 475 714
59256	24.0	-28 57	5.5	B9(p)	422
59294	24.2	+12 13	4.8	K2III	53 101 106 299 469 475 535 714
59374	24.6	+19 10	8.5	F8V	253 658 714
59435	24.8	-09 03	7.9	A5p	181 559
59468	24.9	-52 04	6.8	G5IV-V	465 471 705 714
59507	25.1	+39 06	6.5	A2V	194
59550	25.3	-31 15	5.8	B2,5IV	481
				B3IV	456 705
59612	25.6	-22 49	4.8	A5Ib	47 163 251 646
59635	25.7	-38 36	5.4	B3III	460
				B3IV	481
59643	25.8	+24 44	7.8	R6	6
				R8	308
				R9($C6_2$)	1
59684	26.0	+27 21	8.7	K1III	659
59693	26.0	-09 34	6.1	F8eIb -K0pIb	46 765 v
				G0p or G0I	51
59702	26.0	-23 17	9.5	A7(p)	559
59717	26.0	-43 06	3.3	K5III	472 611 645 sb
				K5III+G5V	714
				G5V	705
59878	26.9	+23 07	6.3	G9III	117
				K0II-III +F8V	313 sb
59933	27.1	-08 28	9.1	K0II-III +F0III:	313 vb
59980	27.3	-00 17	8.1	F6III	38
+76°286	27.8	+76 18	10.6	A7V	765 v
60098	27.8	-35 36	6.5	B5III	496 705
60107	27.9	+16 03	5.1	A1V	194
60178	28.2	+32 06	1.9	A1V	81 295 529 677 734 758 sb
				A0V+A5V	177
				A1V,Am	472
60179	28.2	+32 06	2.8	Am	18 25 81 289 295 516 555 724 734 758
				A1V	598 641 640 665 131
				A1V+Am	714 sb
	28.2	+28 58	9.3	G0IV	659
60196	28.2	-28 31	9.0	B0,5III	257
60235	28.4	+28 44	9.2	K3III	659
60275	28.6	+10 47	6.2	B9,5V	194
60284	28.6	-27 39	9.1	B1:II:	257
60298	28.7	+25 09	8.2	G0V	659
				G2V	253 714
60308	28.7	-15 14	8.3	B2Iab	251 257 486 642 646
60318	28.8	+31 11	5.8	K0III	53 106 469 475
60325	28.8	-14 07	6.2	B1V	251
60381	29.1	+54 36	8.1	F4IV	38
60414/5	29.2	-14 18	5.1	M2epIab+B	259 vb
60479	29.5	-27 45	8.4	B0II:	257
60522	29.8	+27 07	4.2	K5III	53 106 714
				M0III	138 282 469 472 475 646 665 687
60532	29.8	-22 05	4.4	F5V	645
				F7IV	456 641 705 714
60606	30.2	-36 07	6.1	B3:Vnek	481
60618	30.3	+30 00	8.2	F5IV	38
60753	30.9	-50 22	6.7	B6IV	418
60778	31.0	+00 04	9.1	A1V	253 658
60826	31.2	+02 17	8.6	N	6 v
				Na($C5_5$)	1
				R8	308
60848	31.4	+17 07	7.7	O8V:pe	76 135 251 765 v
				B0	217
60855	31.4	-14 16	5.6	B2IV	642
				B2IV:e?	251
60952	31.8	-23 22	4.6	N	6
60983	32.0	+54 41	8.0	F5III	38
61047	32.2	-15 42	9.2	A7-F0(m?)	559

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	7h				
61064	32.3	-03 53	5.2	F5III	53 106 645
				F5IV	714
61068	32.3	-19 29	5.7	B2II	481 641
				B2III	251 645
61110	32.6	+34 49	4.9	F3III	112 714
61219	3_.2	+24 27	6.0	A2V	194 687
61330	33.6	-3_ 44	4.6	B8V	456 641 645 705 714
61333	33.6	-44 45	7.0	B3V	496 705
61347	33.7	-13 38	8.4	09Ib	76 135 139 251 257
61367	33.8	-00 02	7.3	M2III	38
-15°1953	33.8	-15 50	11.3	S5,6	765 v
-20°2077	33.8	-20 31	9.4	Am(?)	559
61421	34.1	+05 29	0.5	F5IV	19 30 45 96 275 276
					295 296 439 444 449
					528 529 640 641 705
					736 758 vb sb
				F5IV-V	65 106 112 131 156
					285 287 288 653 665
					677 714 725 726 137
				F5V	710
61497	34.6	+58 57	5.0	A3III	81 714
-1°1792	34.8	-01 17	9.3	G6V	253
61606	35.0	-03 21	7.2	K2V	253 665 677 725
61645	35.2	+26 08	9.5	K2III	659
61687	35.4	-26 41	6.7	B7IV	481
61715	35.5	-48 22	5.6	F4Iab	47
				F4Ib	646
61772	35.8	-15 02	5.2	K3II	53
61787	35.9	+18 17	8.1	G4IV	38
-15°1953	36.0	-15 57	11.0	S5,6	98 v
61827	36.0	-32 20	7.5	08:	132
61913	36.4	+14 27	5.7	M3S	98 v (M2III:27)
61925	36.4	-37 20	6.3	B3IV	481
61935	36.5	-09 19	4.1	KOIII	53 106 645 705 714
62044	37.1	+29 08	4.3	K1III	53 106 469 475 652
					714 765 sb
				K1p	149 145
62094	37.2	+78 28	8.0	F6V	38
62141	37.4	+22 39	6.2	KOIII	117
62150	37.4	-32 24	7.7	B3Ia	251 132
62058	37.0	-31 26	6.6	G0Ia	145 646 47 477 765v
62164	37.5	-10 39	7.7	S3,6	98 140 765 v
62264	38.0	+00 26	6.1	KOIII	117
62285	38.0	+26 01	5.4	K5III	53 106 469 475 659
62301	38.2	+39 50	6.9	F8V	253 296
62345	38.4	+24 38	3.7	G8III	53 65 71 82 94 97
					106 131 145 177 203
					299 304 158 469 475
					687 714 758 vb
62483	39.0	-52 57	8.2	B2II	251
62509	39.2	+28 16	1.2	KOIII	53 65 71 82 101 106
					131 145 156 259 287
					288 296 303 444 469
					475 535 640 641 646
					665 677 653 687 714
					725 726 758 v
	39.2	-29 04		WR	321
62510	39.3	+20 33	6.3	A0V	194
62532	39.3	-17 42	8.4	B1:V:pnne	251 257
62542	39.3	-41 59	7.5	B5V	496 705
62549	39.4	-04 49	7.9	G1V	38
62567	39.5	+26 14	9.3	K5III	659
-24°5863	39.8	-24 45	9.6	Am(?)	559
62623	39.8	-28 43	4.0	A2Ia	640 705
				A2Iab	456
				A3epII	399 259
62644	39.9	-44 55	5.1	G5IV	457 471 677 705
-29°4849	40.0	-29 05	10.0	09,5II:	139 257
62721	40.3	+18 45	5.0	K5III	53 106 145 149 253
					259 469 475 714
62747	40.4	-24 26	5.6	B1V	456 476 705
62753	40.4	-40 05	6.5	B2Vne	481
62758	40.4	-58 24	6.6	B5IV	481
62805	40.6	-58 26	6.7	B9V	481
62832	40.8	+11 01	5.3	A1V	194 sb?
62850	40.8	-59 04	7.2	G2IV	457 705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	7h				
62857	40.9	+26 16	9.3	G5IV	659
	41.0	-11 43	9.5	N	6
62902	41.1	-06 32	5.7	K5III	253 714
62910	41.1	-31 41	10.0	WN6p	321
63005	41.6	-26 15	9.1	07	139 257 486
63016	41.7	+28 55	8.7	G8III	659
63028	41.7	-24 01	6.6	B3IV	481
63077	41.9	-33 59	5.4	GOV	457 677 705 714
63099	42.0	-34 05	11.3	WC6+07:I	321 sb
63138	42.3	+29 01	8.2	KOIII	659
63208/9	42.6	+23 24	6.2	G2III+A4V	177
63210	42.6	+18 36	7.7	G8III	38 sb
				KOIII+F3V	313
63271	42.9	-22 17	5.8	B1IV	481
-25°5052	42.9	-25 42	9.7	A(m?)	559
63290	43.0	-27 41	9.3	B2Iab	257 486
63295	43.1	-72 22	3.9	KOIII	645
63302	43.1	-15 44	6.7	G8Iab	387 646
63308	43.1	-39 49	6.6	B3V	481
63334	43.3	+23 59	8.7	S4.5,4e	98 v
				S4.5,4-S9,5e	765
				Se	259
63348	43.4	+55 00	7.4	MOIII	38
63353	43.4	+05 40	9.8	R6	6 v
				R8	308
63410	43.7	+26 31	6.8	G8III	117 253 462 469 475
					659 714
63433	43.8	+27 37	7.7	G5IV	659
63462	43.9	-25 42	4.5	(BOV:pe)	251 vb
				B1Ve	456 705
63486	44.0	-25 11	9.2	Am (?)	559
63495	44.1	+28 59	9.2	K1III	659
63531	44.2	-49 57	7.2	B5Vn	496 705
63578	44.5	-46 22	5.2	B1V	251 486 645
				B2V	641
63589	44.6	+33 30	6.0	Am	194 555 629
63653	44.9	-08 04	8.0	F5IV	38
	45.0	-00 38	9.0	R8	6
63685	45.0	-61 12	7.4	G5V	457 705 714 408
63697	45.1	-16 59	5.5	K3III	53 714
63700	45.1	-24 37	3.5	GOI	449
				G0Ib	640 641 705
				G3Ib	42 47 373 399 645
63712	45.2	+29 26	8.2	G8III	659
-30°5135	45.2	-30 53	9.2	F2eIab	259
63733	45.3	-18 45	8.5	S3,5,2	98 140
63744	45.3	-46 50	4.7	KOIII	457 705 714
63799	45.6	+03 32	6.1	K1III	117 714 vb
63806	45.6	-43 04	7.4	B3III	496 705
63816	45.7	+25 05	9.0	K1III	659
63868	45.9	-40 27	6.6	B5V	496 705
63922	46.2	-46 08	4.2	BOII	705
				BOII-III	506
				BO,5III	456
64090	47.1	+30 56	8.3	G2VI	195 253 296 462 714
64096	47.1	-13 38	5.3	F1V	295 sb (GOV: 27)
				G1V	96 677 714 106 45
64145	47.4	+27 01	5.0	A3V	65 81 472 687 714 sb
				A4V	194
64191	47.6	+01 51	9.1	FOIII-F3III	202 766 v
64207	47.7	+26 49	8.0	F9V	38
64259	47.9	-13 36	6.9	K2III	253 714
64291	48.1	+10 57	7.7	G6III	38
64307	48.2	+74 11	5.6	K3III	53
64315	48.2	-26 10	9.2	O6:nn(e)	139 257
64318	48.2	-46 58	6.6	G3IIIk	496 705
64332	48.3	-11 22	8.1	S6,2	140
				S6,3	98
64372	48.5	+30 27	7.8	G7III	38
64379	48.5	-34 28	5.0	F5V	457 463 677 705 714
64399	48.6	-24 51	8.3	B5II:	257
64440	48.8	-40 19	3.7	G5III	640 641 645 705 714
					sb
64493	49.1	+18 21	7.4	K4III	38
64503	49.1	-38 36	4.8	B2:V	456 sb
				B3IV	640 705
				B3V	481

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	7h				
64512	49.2	+18 13	7.5	G6III	38
64606	49.6	-01 10	7.5	G8V	253 714
64648	49.8	+20 09	5.4	B9,5V	194
64717	50.1	-50 16	7.2	B3V	496 705
64722	50.1	-54 07	5.8	B2III	496 705
64740	50.2	-49 21	4.6	B2III	640 705
64760	50.3	-47 51	4.3	B3Ib	640 705
64833	50.7	+26 22	8.8	K1III	659
64938	51.2	+04 44	6.1	G8III	117
64993	51.4	-23 48	7.5	B1III	251
65038	51.6	-49 55	7.5	B5V	705 496
65066	51.8	+08 54	6.0	K0III	117
-4°2150	51.8	-04 20	9.0	G2V	253
65087	51.9	-28 16	10.0	O7f	139
65174	52.4	+02 55	8.1	F5V	38
	52.7	-00 24	9.6	Ne	6
				Ce	259
65176	52.4	-01 20	8.1	B0II	173
65228	54.7	-22 45	4.3	F8II	47 106 155 259 646
65339	53.2	+60 36	6.0	Ap	516
				A2p	174 555
65345	53.2	+02 29	5.4	K0III	53 106 253 469 475 714
65430	53.6	+21 09	8.6	K0V	253 296 714
65456	53.7	-30 04	4.8	A2V	645 v
65477	53.8	+06 36	8.3	F0IV	38
65575	54.2	-52 43	3.5	B2IV	640 641 645 705
65583	54.3	+29 31	7.0	G8V	253 296 463 469 475 677 714
65607	54.4	-07 14	8.7	A5III-IV	
				+ G2III	151 v
				A6p+G2pIV	765
				A7p+G2p	12
65622	54.4	-46 04	7.5	B5Vnn	496 705
65695	54.7	-03 24	5.1	K2III	53 106 645 714
65735	55.0	+20 05	6.2	K1III	117
65757	55.1	+23 53	6.4	K1III-IV	117 714
-5°2489	55.2	-04 29	10.4	R2	308
-34°4172	55.2	-34 06	9.4	Am(?)	559
65810	55.4	-18 07	4.6	A3V	458 474 645 27
65856	55.7	+25 22	6.2	A1V	194
65865	55.7	-28 28	11.4	WNp	321
65869	55.7	-60 30	7.7	B9V	465 705
65873	55.8	+16 44	5.9	B9V	194 sb
65907	55.8	-60 02	5.7	G2V	705 713 sb
65930	56.0	-48 06	6.9	B2V	496 705
65934	56.1	+26 55	8.9	G8III	659
BD Mon	56.1	-05 21	10.3	Se?	98 259 765 v
65950	56.1	-60 39	6.9	B9III	465 705
65953	56.1	-01 07	4.8	K4III	53 106 472 714
-60°969	56.1	-60 24		A0Vn	705 713
65987	56.3	-60 20	8.0	A0p	465 705 v
66020	56.5	-39 44	9.5	K7V	519 705 713 v
-60°982	56.5	-60 31	7.2	B9V	705 713
-60°985	56.5	-60 35	8.2	B8V	705 713
-60°945	56.7	-60 50	8.5	B9III	465 705
-60°947	56.8	-60 36	8.1	B8III	465 705
+15°1733	56.9	+15 27	8.7	K4III	211 765 sb
				K4III+G8III	369
66137	57.0	-60 26	8.9	A0V	705 713
66141	57.1	+02 37	4.5	K2III	53 106 253 467 469 475 714
66171	57.2	+72 13	8.0	G2V	253 296 459 514 714
66194	57.2	-60 33	5.9	B3V	642 465:B3en
66216	57.4	+28 04	5.0	K2III	53 101 106 469 475 535 714
-60°980	58.1	-60 49	6.7	K1III	465 705
66255	57.5	-48 36	6.2	A0p	402 428
66259	57.5	-60 19	8.6	A0V	705 713
66342	57.9	-60 19	5.1	M0II	705 713
66442	58.4	-60 30	9.0	B9V	705 713 sb
+75°325	58.5	+75 15	8.9	O5p	386 598 V
66464	58.5	-49 20	7.4	B3III	496 705
66546	58.9	-54 14	6.2	B4V	481
66552	59.0	+19 07	6.1	B9,5V	194
	57.7	-01 51	9.5	N	6 v

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	7h				
66591	59.1	-63 17	4.8	B3IV	456 476
				B3V	640 705
66605	59.2	-44 23	6.6	A0p	402 428
-36°4137	59.3	-36 19	8.7	Bp	46 v
66656	59.4	-60 39	8.3	A2V	705 713
66664	59.5	+13 24	5.1	A0IV	194
66665	59.5	+06 29	7.6	B0,5III	495 692
				B1III-V	486
				B1V	251
66684	59.5	+27 49	6.2	A0V	194 v
66686	59.6	+10 47	7.7	G5III	38
66765	59.9	-48 02	6.7	B5III	496 705
	8h				
66811	00.1	-39 43	2.2	O5	79 80 439 506 758
				O5f	115 135 139 251 287 640 641 642 645 646 705
66823	00.2	+65 57	7.3	K5III	38
66834	00.2	-19 26	6.0	B3V	481
67006	00.9	+51 48	4.9	A2V	81
67141	01.5	-20 39	8.2	G1IV	38
67190	01.7	-38 29	9.3	N	6 765 v
67228	01.9	+21 52	5.4	G2IV	101 106 45 287 362 469 535 665 714 725 758
67341	02.3	-46 41	6.3	B5Vn	496 705
67402	02.7	+27 47	6.9	G9III	117
				K0III	659
67447	02.9	+68 46	5.5	G8II	53 106 469
+25°1858	02.9	+24 55	9.6	G3V	253
67517	03.3	+54 32	8.0	F8V	38
67456	02.9	-20 16	5.2	Am	555 714
67458	02.9	-29 06	6.9	G4IV-V	705 713 714
67507	03.2	-22 37	9.4	N	6 765 v
67523	03.3	-24 01	2.9	F2p	714 sb
				F6II	19 47 97 106 112 155 299 373 444 449 529 640 641 645 765
				F6IIp	426 766
67536	03.3	-62 33	6.4	B4Vn	476 481 705
67542	03.4	+29 23	6.6	G5II	659
67544	03.4	+25 05	8.6	G8III	659
67594	03.6	-02 41	4.4	G2Ib	42 47 112 145 178 259 665 763
67613	03.7	+25 51	8.1	K5III	659
67621	03.7	-48 12	6.5	B3III	496 705
67628	03.8	+29 24	7.5	K5III	659
67650	03.9	-10 31	8.1	M3III	2 v
67698	04.1	-23 19	6.6	B5Ve	481
67709	04.2	+27 23	7.9	K1III	659
67736	04.2	-34 55	7.4	Am(?)	559
67751	04.3	-20 04	6.4	A3(p)	422
67797	04.5	-18 57	4.6	B3V	456 705 sb
				B5V	105 486 640
67888	04.9	-37 23	6.3	B5III	481
67959	05.4	+14 56	6.1	A2V	194 714
68017	05.5	+32 47	6.9	G4V	296 253 714
68074	05.7	-49 12	8.2	A0III	705 713
68099	05.8	+10 07	6.1	B7III	194 687
68244	06.4	-48 53	9.1	A3V	705 713
68257	06.5	+17 57	5.6	F8V	45 vb
				F8V+dG2	714
68273	06.5	-47 03	1.9	WC7	79 80 439 506 641 645 705
				WC7+O7:	321
68290	06.6	-12 37	4.7	K0III	53 106 299 705 714
68312	06.7	-07 28	5.4	G8III	53 106 714
68324	06.7	-47 38	5.6	B3V	481
68351	06.9	+29 57	5.6	A0p	174 555
68396	07.0	-48 50	9.4	A0Vn	705 713
68397	07.0	-48 58	8.9	B9V	705 713
68398	07.0	-49 02	9.6	B9Vn	705 713
68432	07.2	-48 58	9.0	B8V	705 713
68450	07.3	-36 59	6.5	O9,5I	717
				O9,5Ik	496 705
				B0II	132 251 486

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	8h				
68451	07.3	-48 44	8.2	B2III	465 642 705
68452	07.3	-48 45	10.2	A1V	705 713
68461	07.4	+16 49	5.9	K0III	117
68496	07.5	-48 52	8.3	B6V	705 713
68520	07.6	-68 19	4.6	B5III	456 sb
				B5V	440 640 705
68543	07.8	+23 27	6.4	A3III	194
68608	08.0	-48 59	7.9	B5III	465 713
68706	08.5	+02 19	8.0	F7V	38
68724	08.6	+27 01	7.7	K0III	659
68744	08.7	+73 39	8.5	G0V	253
68752	08.7	-15 29	5.0	G5II	53 645
68761	08.7	-36 41	6.6	B0,5III	132 251
68776	08.8	+13 22	6.2	G8III	117
68788	08.9	+73 45	8.4	K1V	253 296 459 471 509
68793	08.9	-04 21	8.2	F4V	38
68808	08.9	-46 20	5.8	F8p	765 v
68879	09.3	-05 36	8.5	G8III	642
68978	09.7	-31 26	6.7	G5IV-V	457 471 705 714
68980	09.7	-35 35	4.8	B3p	613
68982	09.7	-38 07	7.5	B3V	496 705
69054	10.1	+75 09	6.5	K0III+G0V	313
69080	10.2	-31 50	6.7	B5n	705
69106	10.3	-36 38	7.2	B0,5II	132 251
				B0,5III	481
				B0,5V	495 692
69168	10.6	-46 16	7.3	B3IV	481
69213	10.8	-44 16	6.4	A2p-F2p	765 v
69229	10.9	-13 19	7.2	M2III	38
69253	11.0	-40 31	6.6	B3V	456
69267	11.1	+09 30	3.5	K4III	53 55 65 71 78 83 94 101 106 145 149 179 259 303 203 304 469 475 535 646 687 714
				K5III	758
69285	11.2	+67 51	7.2	M3III	38
69287	11.2	+38 11	8.2	F2III	38
69312	11.3	+27 21	7.4	K1III	659
69349	11.5	+27 43	7.8	K1III	659
69364	11.6	+25 08	7.4	K0III	659
69404	11.7	-46 10	6.6	B3Vnnek	496 705
69425	11.8	-36 49	9.1	B1:V:pe	251
69438	11.9	-16 01	7.6	G9III	38
				K1III-IV + G1V	313 sb
69464	12.0	-35 19	8.9	O7f	251 486
+31°1781	12.1	+30 56	8.8	K4V	253 296 714
69478	12.1	+09 11	6.1	G8III	117
-37°4473	12.2	-37 29	9.3	A(m?)	559
69620	12.6	-35 54	7.5	B6V	481
69830	13.7	-12 18	6.0	G8V	296 253 677 714
69866	13.9	+27 11	8.2	K1III	659
69882	13.9	-42 13	6.9	B1III:k	496 705
69897	14.0	+27 32	5.2	F6V	45 106 287 288 665 677 714 725 726
69973	14.3	-47 37	7.1	B5Vn	496 705
70011	14.6	+24 20	5.3	B9V	194
70030	14.7	+25 39	7.4	K3III	659
70060	14.8	-36 21	4.4	A5V	645
				A7III	456 641 705 714
70072	14.9	+03 05	8.3	Ne	6 v
				Ce	259
70138	15.2	-17 57	9.3	R5	308
				R7	6
	15.4	+05 31	10.0	R5	6
				R8	308
70178	15.5	+29 07	8.5	G5IV	659
	15.7	-42 33	10.0	B2::Vn	705
70272	16.0	+43 31	4.4	K5III	53 101 106 259 469 472 475 535 714
70276	16.0	+17 36	6.8	Se	259 v
70309	16.1	-47 53	6.6	B3V	496 705
70352	16.3	+66 48	8.9	K2V	253
+33°1686	16.4	+33 50	8.0	Ne	6 v
				NOe($C6_3$)	1
				C6 3e	259

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	8h				
70402	16.7	+27 51	9.1	G8III	659
70421	16.8	+15 19	8.5	M6III	2 138 765 v
70442/3	16.9	-19 46	5.5	G2III+A	458 27
70486	17.1	-38 50	8.9	A(m?)	559
70523	17.3	-17 16	5.8	K1III	253 471 714
70555	17.5	-32 44	4.9	M0III	645
70642	17.9	-39 24	7.2	G5IV-V	471
				G6IV-V	465 705 714
-15°2405	18.2	-15 35	8.9	N	6 765 v
70688	18.2	+29 04	9.4	F6V	659
70761	18.6	-26 01	5.9	F2Ib	47
70825	19.0	+24 17	7.3	F2IV	47
70839	19.0	-57 39	6.1	B1V	495
				B3III	296 476
	19.4	-42 08		B1V	705
70930	19.5	-48 10	4.8	B1V	251
				B2III	640 705
71008	20.0	+28 58	9.0	K1III	659
71015	20.0	-32 35	7.0	B3III	481
71016	20.0	-40 43	9.9	A3(p)	559
71028	20.1	+28 45	9.3	K0III	659
71053	20.2	+18 10	7.9	F9V	38
71066	20.3	-71 11	5.7	A0p	422 428 vb
71093	20.4	+28 14	7.4	K5III	659 714
71115	20.5	+07 53	5.2	G8II	53 106 469 475 687
71129	20.5	-59 11	1.7	K0II:	645
71132	20.6	+28 23	9.3	G8IV	659
71151	20.7	+27 16	6.3	A4III	194 714 vb
71155	20.7	-03 35	4.0	A0V	65 71 78 81 82 94 126 185 224 303 304 287 472 468 640 641 645 705 714 732 734 758
71176	20.8	-23 43	5.5	K5III	645 714
				K5III+K1III	313 sb
71216	21.0	-40 26	7.3	B8V	481
71228	21.1	+02 48	7.6	K1III	38
71243	21.1	-76 36	4.1	F2IV	456 714
				F6IV	457 705 714
71302	21.5	-42 27	6.5	B5n	705
71304	21.5	-43 59	8.2	O9II?	132 251 486
71369	22.0	+61 03	3.5	G2II-III	106 v
				G4II-III	112 714
				G5II	469 758
				G5III	131 665
71377	22.0	-12 12	5.5	K2III	253 459 471 509 v
ST Lyn	22.2	+38 59	10.3	K0III	766 v
				K2III	682
	22.2	+35 22		M0V	423 vb
71495	22.7	+34 04	8.1	F4V	38
-35°4625	22.7	-35 39	9.6	A(m?)	559
71555	23.0	+14 33	5.9	A5V	194
71597	23.2	+00 36	7.5	K2III	253 469 475
71634	23.3	-57 48	7.0	B7IV	481
71659	23.5	+50 37	8.0	F8V	38
71671	23.5	-39 36	9.9	A(m?)	559
71701	23.6	-77 10	4.4	K0III-IV	465 645 705 714
71730	23.8	+24 41	8.4	K0III	659
71780	24.1	+12 47	9.3	F8IV+G5III	336 sb
				G9III+F5::	279 765
				K0III+A7	766
71801	24.2	-34 47	5.8	B3V	705 713 sb
71805	24.2	-52 22	6.5	F6V	465 705 714 sb
71866	24.6	+40 33	6.7	A0p	174 368 555 v
71878	24.6	-65 48	3.4	K2III	640 641 645 705 714v
71881	24.6	+50 57	7.4	G1V	253 714
71906	24.9	+37 36	6.1	B8V	194
71983	25.2	-39 58	9.9	A0(p)	559
+19°2045	25.4	+19 38	9.0	F6V	376
72014	25.4	-42 15	6.6	B3Vnnek	496 705
72037	25.6	-65 29	5.4	Am	555 516 714
72052	25.7	+30 03	8.2	F3V	38
72094	25.9	+18 26	5.3	K5III	687 vb
72108	25.9	-47 36	5.3	B2III	711
72132	26.1	+42 28	7.7	G5III	38
+19°2050	26.3	+19 50	9.2	F6V	376
72184	26.4	+38 22	6.0	K2III	469 475 253 714

HD or D	1900		m	Sp	Bibliography
	8h				
72292	26.9	+20 47	5.5	K3III	53 469 475 687 714
72324	27.1	+24 25	6.4	O9III	158 253 459 469 475 714
				KOIII	62
72350	27.2	-44 24	6.9	B5IV	481
72359	27.2	+10 24	6.3	A0V	194
72436	27.7	-38 44	6.6	B5Vn	496 705
-47°4047	28.0	-47 20	9.8	KOIII	
				+ A3III-V	336 765 sb
-38°4574	28.1	-38 50	9.3	A3(p)	599
72524	28.3	+36 46	5.8	A2III	194 714
72528	28.3	-04 59	8.0	F7V	38
72554	28.4	-45 47	8.3	B1III	252 486
72555	28.4	-46 54	7.0	B4V	481
72599	28.5	+28 47	9.1	F6V	699
72614	28.8	+42 07	8.6	K2V	253 296
72673	29.0	-31 11	6.4	K0V	705 713 714
72737/8	29.3	-52 52	5.8	KOIII+A3	422
72779	29.6	+19 56	6.6	OOIII	376 646
+19°2074	29.7	+19 59	9.3	F6V	376
72798	29.7	-45 25	6.6	B5III	496 705
72800	29.7	-47 16	7.1	B9I	496 705
72846	30.0	+20 07	8.3	A5V	376
72854	30.0	-20 51	7.9	F0IV	38
72905	30.3	+65 22	5.7	O8V	458 677 27
72907	30.3	+29 03	9.2	O8II	699
72908	30.3	+03 05	6.2	O9III	117
72942	30.5	+20 42	8.2	A4V	376 v
72968	30.6	-07 28	5.6	A2p	174
				Ap	516 sb?
73039	31.0	-20 00	8.4	F3V	38
73045	31.1	+19 15	8.5	Am	599 v
				Am	376
	31.1	-44 41	10.3	B1V	705
73081	31.3	+19 57	9.9	F6V	376
73108	31.5	+64 41	4.8	K2III	101 106 131 154 469 535 714
73127	31.5	-50 45	6.6	B5Vn	496 705
73143	31.7	+10 00	6.0	A3V	194
73160	31.8	+26 36	9.3	K2III	699
73161	31.8	+20 22	9.1	F0Vn	376
73174	31.9	+20 06	8.3	Am	559
				Am	376
73175	31.9	+19 53	8.2	F0Vn	376
73210	32.1	+19 38	6.7	A5V	376
73262	32.4	+06 03	4.2	A0V	81 299 640 641 705
73340	32.8	-50 37	6.0	B9(p)	402
73343	32.9	+32 09	9.2	K1III+K4III	766 sb
				K2III+K4III	298
73345	32.9	+20 21	8.6	F0V	376
73390	33.0	-57 53	5.6	B3Vn	481
73393	33.1	+56 02	8.0	G3V	253 714
73397	33.1	+19 51	8.8	F4V	376
73429	33.3	+20 28	9.5	F5V	376
73430	33.3	+20 22	8.7	A9V	376
+20°2140	33.3	+20 04	8.9	F7V	376
73449	33.4	+20 02	8.1	A9Vn	376
73450	33.4	+19 57	8.6	A9V	376
73471	33.5	+03 42	4.5	K2III	53 101 106 299 469 535 714
73509	33.7	+28 51	9.3	F8V	659
	33.7	-45 10	9.1	B2III	705
73568	33.9	-44 51	8.1	B0.5III	480 486 705
73569	33.9	-52 10	7.3	F0V	428
73574	34.0	+20 27	8.1	A5V	376
73575	34.0	+20 09	6.7	F0III	376
73576	34.0	+19 38	7.8	A7Vn	376
73593	34.1	+46 11	5.2	G0IV	117 469 475
73597	34.1	+20 55	9.2	F6V	376
73598	34.1	+19 54	6.7	K0III	57 376 714
73599	34.1	+08 22	6.3	K1III	117
χ Car	34.1	-59 37	11.0	M3ep	765 v
73616	34.2	+20 32	9.5	F2V	376
73617	34.2	+20 23	9.6	F5V	376
73618	34.2	+19 55	6.9	Am	599
				Am	376 sb vb

HD or D	1900		m	Sp	Bibliography
	8h				
73619	34.2	+19 54	7.2	Am	559 sb
				Am	376
73634	34.2	-42 38	4.1	A9I-II	456 705
				A9II	641 645
	34.2	-44 15	9.9	B2III	709
73640	34.3	+20 30	10.1	F6V	60 376
73641	34.3	+19 34	9.3	F6V	376
+19°2068	34.3	+19 21	10.4	F8V	765 v
73665	34.4	+20 22	6.5	K0III	60 376 642 714
73668	34.4	+06 08	7.8	G1V	38 253 714 vb
73681	34.4	-52 54	7.9	A1V	428
73666	34.4	+20 20	6.6	A1V	376
+20°2181	34.5	+20 08	9.0	F2V	376
73709	34.6	+20 03	8.7	Am	559 sb
				F2III	376
73710	34.6	+20 01	6.4	K0III	60 376 714
				K0III+G0IV-V	
				Am+F5V	313 vb sb
73711	34.6	+19 53	7.4	Am	289 299 559
				F0III	376
73712	34.6	+19 43	6.8	A9V	376
+75°348	34.7	+74 54	9.5	B0	308
73729	34.7	+20 33	9.1	F2Vn	376
73730	34.7	+20 12	8.7	Am	299 559
				F2III	376
73731	34.7	+19 54	6.3	A6III	194 sb
				Am	559
				F0III	376
73744	34.7	-76 35	7.6	G0V	465 705
73746	34.8	+19 33	9.1	F0V	376
73763	34.9	+19 34	8.0	A9V	376
73766	34.9	-09 14	7.6	M5II	2 138 765 v
73785	35.0	+20 05	6.8	A9III	376
73798	35.1	+20 36	8.9	F0Vn	376
73818	35.2	+20 18	9.5	Am	289 555 sb
				F2III	376
73819	35.2	+19 56	6.8	A6Vn	376
73840	35.3	-12 07	5.2	K4III	53 106 645 705
73844	35.3	-16 56	7.0	M4III	2 765 v
73854	35.4	+20 11	9.5	F5V	376
73857	35.4	+10 11	7.2	A7III-F2III	765 v
73872	35.5	+20 17	8.8	A5V	376
73882	35.5	-40 04	7.3	O8(V)	132 251
				O8nk	496 705
73890	35.6	+19 37	8.6	A7Vn	376
73900	35.6	-36 15	6.1	F3IV	705 713 714 sb
73903	35.7	-45 52	9.4	B1V	480 705
+21°1891	35.9	+21 02	9.3	F6V	376
73937	35.9	+19 30	8.9	F4V	376
73952	35.9	-52 44	6.5	B9V	428
+20°2183	36.0	+20 00	9.3	F6V	376
73974	36.1	+20 14	6.9	K0III	60 376 714
73993	36.2	+20 32	9.2	F2Vn	376
73994	36.2	+19 17	9.8	F5V	376
74006	36.2	-34 57	4.0	G4III	705 713 sb
				G5III	645
	36.4	+07 47	10.6	B4	6
				B5	308
74028	36.4	+19 46	7.9	A7V	376
74050	36.5	+19 17	8.0	A7Vn	376
74058	36.6	+20 32	9.2	F3Vn	376
				F4V	646
74067	36.6	-39 54	5.1	B9V	481
74071	36.6	-53 05	5.5	B6V	428
74110	36.9	+79 20	8.1	M4III	2 765 v
+20°2193	37.0	+19 56	9.4	F6V	376
74137	37.1	-15 35	4.9	G8III	714 27
				K1III	53 106 299 705
74145	37.1	-52 21	8.6	A5V	428
74146	37.1	-52 42	5.3	B9V	428 640
74169	37.2	-52 54	7.3	A0n	428
74180	37.3	-46 18	4.1	F0Ia	640
				F2Ia	47 358 404 641 645
74186	37.4	+19 27	9.3	F8V	376
74194	37.4	-44 42	8.1	O9k	496 705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	8h				
74195	37.4	-52 34	3.9	B3III	79 456 641 645 sb
				B3IV	428
				B3V	80 439 613 640 642 705
74196	37.4	-52 39	5.9	B8IV	481
74198	37.5	+21 50	4.7	A1V	81 194 472 687 714
	37.5	-45 44	10.2	B2:Vne	705
74225	37.7	+78 33	7.3	M5III	38
	37.7	-44 55		B2,5II	705
74234	37.7	-47 52	7.3	B2Vk	496 705
74260	37.9	+27 36	9.5	K3III	659
74273	37.9	-48 34	6.1	B2Vn	496 705
74275	37.9	-52 26	7.3	A0V	428
74280	38.0	+03 46	4.3	B3V	44 50 55 65 71 78 83 94 105 126 172 287 289 303 304 439 468 483 486 640 646 697 705 728 729 732 sb
74348	38.4	+28 50	9.4	G0IV	659
74360	38.5	+46 33	8.2	F4V	38
74371	38.6	-45 03	5.2	B5Iab	358 404 646
74375	38.6	-59 24	4.6	B1III	456 sb
				B2III	640 705
74395	38.8	-06 52	4.7	G2Ib	42 112 145 162 178 259
74438	38.9	-52 42	7.6	A2V	428
74442	39.0	+18 31	4.2	K0III	15 53 101 106 469 475 535 687 714
-45°4424	39.0	-45 35	9.9	A(m?)	559
74455	39.0	-47 44	5.7	B3n	705
				B3V	642
				B3Vn	481
74462	39.1	+67 49	8.7	G5IV	253
74492	39.2	-16 39	8.0	F7V	38
74516	39.3	-52 36	7.4	A1V	428
74521	39.3	+10 27	5.6	A0p	174 555 194
				Ap	516
74528	39.4	-45 11	9.0	B2:Vn	480 705
74535	39.4	-52 44	5.6	A0p	428
				B9III	481
74536	39.4	-53 00	8.0	B7V	428
74543	39.4	-73 43	6.8	K0IV	457 471 705
74558	39.5	-46 27	6.9	A7III	457 705 714
74560	39.5	-52 45	4.9	B3V	428
				B4IV	481
				B5IV	640 705
74575	39.6	-32 50	3.7	B2II	439 640 641 645 705
74576	39.6	-38 32	6.6	K1V	457 677 705 714
74624	39.9	+28 43	9.0	F5III	659
	39.9	-46 05	10.0	B2V	705
74669	40.2	+27 57	7.2	K0III	117
				K1IV	659
74677	40.2	-45 44	9.3	B1III	480 705
74678	40.2	-52 43	7.7	A1V	428
74721	40.5	+13 37	8.6	A0V	185 253 658
74738/9	40.6	+29 08	4.2	G8II	53 106 469 475 714
				G8II+A3V	391 v
74753	40.6	-49 27	5.4	B0Vn	481
				B3n	705
74811	41.1	+28 32	7.4	G2IV	659
74842	41.2	-42 15	7.2	G5V	457 705 714
74868	41.4	-44 11	6.6	G3IV	465 705 714
-45°4482	41.4	-45 37	10.0	WN8	321
74873	41.5	+12 28	5.7	A1V	194 714
74874	41.5	+06 47	3.5	G0III	30 97 396 177 469 640 714 758 sb
				G0III-IV	112 439
74918	41.7	-13 11	4.4	G8III	53 106 705 714
74925	41.8	+28 21	9.3	G8IV	659
74956	41.9	-54 21	2.2	A0V	287 299 444 456 439 472 640 646 665 705 714 725
75021	42.4	-29 21	7.1	B8	6 308
75063	42.6	-45 40	3.9	A0III	640 705 714
	42.8	-50 36	9.9	B3V	705
75107	42.9	+66 49	7.8	G8III	38
75137	43.1	+06 12	4.4	A0V	81 472 714 sb
75149	43.1	-45 33	5.5	B2II	476 481 705
				B3Ia	358 404
75216	43.6	+29 49	8.7	K2III	659
75222	43.6	-36 23	7.4	B0I	717
				B0Ik	496 705
75276	43.9	-45 47	5.8	F0Ib	47
				F2Iab	358 404 646
75311	44.1	-56 25	4.5	B2Vn	463 v
				B3Vn	640
				B3Vne	456
75416	44.7	-78 37	5.8	B9IV	481 641 645
				A0n	705
75465	45.0	-46 32	9.4	B3Vn?e	480 705
75469	45.1	+19 13	6.1	A0V	194 714
75506	45.3	+44 06	5.2	K0III	53 101 106 469 475 535 714
75530	45.4	-05 09	9.0	G8V	253 296 658
	45.4	-45 43		WR	321
75549	45.5	-43 23	7.7	B3V	496 705
75632	46.0	+71 11	8.1	K5V	253 295 296 714 vb
				K5V+dM1	677
	46.1	+26 06	9.1	G0IV	659
75646	46.1	+26 05	7.5	G9III	38
				K2III	659
75663	46.2	+29 14	9.4	K3III	659
75691	46.3	-27 21	4.2	K4III	645
	46.4	-44 48		WC6	321
	46.5	-44 12	9.4	O9,5Ib	705
75775	46.8	-20 09	8.0	F7IV	38
-45°4605	46.8	-45 15	9.9	A(m?)	559
75786	46.9	-08 45	8.2	F3V	38
	46.9	-45 12	8.9	B0,5V	705
	47.1	-45 10	9.1	B2Vne	705
75821	47.1	-46 10	5.0	O9,5II	640 705
				B0III	251
75860	47.4	-43 23	7.7	B1,5Iab	132 251 486 646
				B2Ik	496 705
75869	47.5	-38 16	6.7	B2V	496 705
75896	47.6	+35 55	6.0	A3III	194 sb?
75935	47.9	+27 18	9.4	G8V	659
	47.9	-45 18	9.0	B0,5III	705
75994	48.3	+18 37	7.8	G5IV	38
76010	48.4	+27 18	9.1	M0III	659
76072	48.8	-36 10	6.5	G8III+A2	422 v vb
76115	49.1	+75 50	8.7	B0	308
76122	49.1	-16 50	8.2	F3IV	38
-43°4724	49.2	-43 55	10.0	A0(p)	559
	49.3	-47 12	9.7	B5V	705
76161	49.3	-47 59	6.3	B6:Vn	481
76219	49.7	+28 19	5.2	G8II-III	53 106 469 475
76221	49.7	+17 37	6.1	N	v 6
				N3($C5_4$)	1
				N3($C5_4$)	535
	49.8	-45 39	8.9	B0,5III	705
76291	50.1	+46 01	5.7	K1IV	253 469 471 475 714
76294	50.1	+06 20	3.2	G8III	475
				K0II-III	101 131 469 535
				K0III	53 106 203 287 640 641 665 687 714 758
76318	50.3	+26 45	8.2	F2V	38
76332	50.4	+29 03	9.3	G2V	659
+6°2063	50.4	+06 36	8.9	M3S	98
76360	50.5	-47 09	5.3	Am	555
75396	50.8	+51 49	9.0	R2	308
				R4	6
				R5 (ClP_2)	1
	50.9	-47 07	9.6	B1III	705
+20°2243	51.0	+24 14	8.0	R6	6 v
				R5	308
76483	51.3	-27 18	4.9	A3V	457 705 714
76508	51.5	+17 32	6.1	K1III	117
76510	51.5	-13 31	8.0	B1V	251
76536	51.6	-47 13	9.0	WC7	321
76566	51.8	-44 40	6.9	B3V	705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	8h				
76595	52.2	+36 11	6.5	A1V	194
76629	52.3	+09 46	6.1	G8III	194
76640	52.3	-57 52	6.3	B5III	496 705
76644	52.4	+48 26	3.1	A7V	65 71 94 112 185 224 287 288 289 295 296 299 304 598 665 677 687 714 725 734 vb
76646	52.4	-00 16	8.2	F3V	38
76657	52.5	+26 52	9.1	K0III	659
76728	52.8	-60 16	3.9	B8II	456 641
				B8III	645
				B8,5III	439 640 705
76734	52.8	+11 14	8.3	M5III	765 v M4III 2
76752	53.0	+25 48	7.9	G2V	659
76756	53.0	+12 15	4.3	Am	112 472 474 516 555 640 641 714
76766	53.1	+26 19	8.2	F8V	659
76805	53.3	-52 21	4.7	B5V	640 705 sb
76830	53.3	+18 31	6.4	M4III	253 v
76838	53.5	-42 52	7.8	B3V	496 705
	53.5	-46 39	9.1	B0,5Ib	705
76846	53.6	+34 09	9.4	R1	6
				R2	308
76864	53.8	+29 24	9.5	K3III	659
76866	53.8	+25 00	9.3	F5V	659
76898	53.9	-43 53	7.6	B5Vn	496 705
76908	54.0	+13 29	6.8	K5III	100
76932	54.0	-15 45	5.9	F6V	62 287
				F9V	253 646 714
	54.0	-42 19	9.3	B1V	705
76943	54.2	+42 11	4.0	F4IV	41 vb
				F5V	45 65 71 106 112 156 185 287 295 296 311 285 396 458 508 653 665 677 714 725 726 763
76968	54.3	-50 22	7.1	09I	717 v
				09Ik	496 705
				B0II	132 251
76976	54.4	+29 03	9.7	M0III	659
77002	54.5	-58 51	4.9	B2IV	640
				B3IV	456 476 641 645
77015	54.6	-16 06	7.6	K1III	38
77024	54.7	+22 52	8.1	F7V	38
	55.1	-47 54	9.8	B0IV	705
77098	55.2	-20 25	8.4	F6V--	38
77104	55.3	+32 39	5.8	A3V	194 vb
77140	55.5	-46 51	5.2	Am	516 555 717
				F0III	457 705 714
77173	55.8	+26 47	8.3	F0IV	38
77189	55.9	+39 03	7.3	K5III	38
77211	56.0	+15 36	7.9	F2V	100
	56.0	-42 03	9.8	B2,5V	705
77234	56.2	+50 29	9.4	R5	308
				R6	6
77236	56.2	-02 10	7.9	K0III	62
				K2III	185 253
77250/93	56.3	+06 02	6.3	K1II-III + F3IV	391
77258	56.3	-40 52	4.3	F8III	641 sb
				F8IV	256 645 705 714
77277	56.5	+15 00	8.5	F8V	100
77313	56.7	+26 16	8.4	K1III	659
77320	56.7	-42 47	6.0	B2,5Vn	481
77350	56.9	+24 51	5.4	B9p	174 194
				A0p	555
77353	56.9	-00 06	5.7	K0III	253 645 714
77378	57.0	+18 10	8.2	F3V	38
77391	57.1	+22 40	7.8	G6IV	38
77408	57.1	+33 16	7.1	F6IV	62
				F7V	253 714
+60°1169	57.4	+60 41	8.9	M6-III	2 765 v
77444	57.4	+27 37	9.7	K4III	659
77464	57.5	-51 10	6.6	B2V+B2V	443 765 sb
				B2Vk	496 705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	8h				
77501	57.8	+14 35	7.8	K3III	100
+14°2020	58.0	+14 46	11.4	M5III	100
77557	58.2	+28 18	6.3	A0V	194
77572	58.3	+10 17	8.2	F4V	38
77581	58.3	-40 10	6.9	B0I	495 692
				B0,5Ib	132 251 486
77586	58.4	+29 41	9.6	M3III	253
				MIII	659
77623	58.6	+14 51	9.1	F5V	100
77662	58.8	+14 41	9.3	G5V	100
77694	59.0	+25 01	9.3	K2III	659
77708	59.1	+15 16	9.5	G8V	100
77729	59.2	+26 34	9.4	K2IV	659
				K4III	253
77730	59.2	+23 16	7.2	Am	289
77732	59.2	+15 41	9.8	G5III	100
77772	59.5	+38 50	8.1	F6V	38
77774	59.5	+15 36	9.1	M3III	100
77776	59.5	+13 45	7.6	G8III	100
77800	59.6	+67 17	5.3	K5III	53 106 259 469
77818	59.7	+59 17	7.6	K1IV	253
77823	59.7	+14 29	9.0	K2III	100
	9h				
77912	00.2	+38 51	4.7	G8Ib-II	53 101 469 475 535
77930	00.3	+38 28	8.1	F6V	38
77948	00.4	+26 31	8.5	K0III	659
77995	00.7	+14 54	9.4	G5V	100
77996	00.7	+05 30	5.4	K2II-III	53 106 469 475 714
78004	00.7	-46 42	3.7	K2III	47 645
78045	00.9	-66 00	4.4	Am	474 645 sb
				A5III	440 456 714
				A5V	458 640 641 705 714
78091	01.2	+15 37	8.1	F5V	100
78154	01.6	+67 32	4.8	F6IV	45 41 295 758
				F7IV	288
				F7IV-V	65 106 112 156 185 287 362 653 665 677 714 725 763
				F8IV	666
78175	01.7	+23 23	6.3	F3V+F5V	108 vb
78194	01.8	+28 23	8.3	K1II	659
78195	01.8	+10 03	7.5	G9III	38
78209	01.8	+52 00	4.5	Am	18 25 112 289 472 516 555 666 714 758
78235	02.0	+30 03	5.4	G8III	53 106 469 475
78249	02.1	+59 32	7.1	K1IV	253 469 714
78277	02.2	+27 58	7.9	G2IV	659
78278	02.2	+21 58	10.6	R5	308
				R6	6
78316	02.3	+11 04	5.1	B8p	174 555 sb
				B8IIIp	194
	02.5	+27 55	8.8	G0V	659
	02.6	+27 56	8.8	G0V	659
78344	02.4	-47 22	9.0	09,5Ia	480 486 705
78345	02.5	-47 55	9.6	B0,5II	480 486 705
78362/3	02.7	+63 55	4.7	Am	18 25 53 106 112 289 472 516 555 666 714 758 sb
				G2III+A0V	177
78479	03.4	+17 52	7.4	K3III	253 469 475 714
78515	03.6	+22 27	5.2	K0III	53 101 106 469 475 535 714 sb
78548	03.7	-55 24	6.2	B5Vn	496 705
78558	03.8	-14 44	7.3	G2V	253 296 714
78633	04.3	+72 04	6.4	G8III-IV	117
78647	04.3	-43 02	2.2	K5I	440 v
				K5Ib	640 641 645 705
				K5Ib-II	287
78668	04.4	-11 57	5.8	G6III	645
78670	04.4	-16 22	8.1	F9V	38
78712	04.6	+31 23	5.3	M6Ib-II	138 2 765 v
				M6S	98
78764	04.8	-70 08	4.7	B2V	640 705
				B3p	613
78791	04.9	-72 12	4.4	F6II-III	456 705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	9h				
78887	05.5	+25 49	8.7	KOII	659
78912	05.6	-65 58	7.3	M4III	2
78958	05.9	-43 29	9.1	B0,5Ib	480 705
				B0,5Ib-II	486
				B0,5II	132 251
78967	06.0	+29 17	8.1	K1III	659
79096	06.9	+15 24	6.4	KOV	677
79181	07.4	-19 20	5.8	G9III	645
79186	07.4	-44 27	5.0	B3Ia	358 404 v
				B3Ib	481
79210/1	07.7	+53 07	8.1	MOV	295
				MOV+MOV	253 296 677 714
79214	07.7	+24 42	7.8	KOIII	658
79248	07.9	+21 42	6.1	A2V	194 714
79275	08.0	-46 10	5.8	B2IV	456
				B3e	705
79318	08.3	+25 43	8.5	KOIII	659
79319	08.3	+14 37	8.5	B4($C4_4$)	1
				B5	308
				B6	6
79351	08.4	-58 33	4.0	B2IV	456 476 481 sb
				B3IV	439 640 705
79354	08.4	+57 10	5.5	K5III	53 106 469 475
79373	08.6	+25 26	7.0	K3III	659
79416	08.8	-43 12	5.6	B8V	465 705
79439	09.0	+54 26	4.9	A5V	112 472 714
	09.0	-22 59	9.0	Ne	6
				Ce	259
79447	09.0	-61 54	4.1	B3IV	456 476 640 646 705
					411 614
79452	09.1	+35 03	6.0	G6III	253 462 469 475 714
79469	09.2	+02 44	3.8	B9,5V	71 732 734 sb
				AOV	81
				AOVp	439 640 555 641 705
79517	09.5	+74 26	6.4	G8III	717 714
79573	09.8	-49 42	10.9	WC6	321 132
79735	10.6	-42 49	5.1	B5n	705
				B5Vn	456
79837	11.2	-85 16	5.4	FOIII	465 645 705 714
+52°1378	11.4	+51 49	8.6	N	765 v
79910	11.7	-05 56	5.4	K2III	53 106 652 714 sb
79940	11.8	-37 00	4.6	F3IV-V	705 713 sb
				F5III	456
80007	12.1	-69 18	1.7	AOIII	287 439 440 444 449
					640 645 705
				A1IV	456 641
80064	12.4	+11 55	6.3	A3V	194 sb
80077	12.5	-49 33	7.7	B2Iape	132 251 486
80081	12.6	+37 14	3.8	A2V	194 vb
				A3V	81 472 529 640 666
					714 734 758
80094	12.6	-57 58	6.1	B7IV	476 481 705
80170	13.1	-38 59	5.4	K5III-IV	645
80217	13.4	+26 40	6.6	K4III	659
80327	14.0	+24 51	7.8	F8V	659
80388/9	14.4	+78 51	8.0	G1V	38 287 vb
80404	14.4	-58 51	2.2	FOIab	456 641 645
				FOIb	440 444 287 640 705
80441	14.7	+38 37	5.9	F3V+F3V	108 vb
80493	15.0	+34 49	3.3	MOIII	259 v
80499	15.0	-11 33	4.9	G8III	53 106 705 714
80547	15.4	+26 26	8.1	F4IV	38
80558	15.4	-51 08	5.9	B7Iab	358 404 646
80586	15.6	-09 08	5.0	G8III-IV	53 106 705 sb
				G8III-IV	
				+F5V	391
				G8III-IV	
				+F2V+K2V	714
				G8III-IV	
				+F4V+K2V	313
80613	15.7	+15 48	6.5	AOV	194 714
80731	16.3	+62 12	8.3	FOV	38
80743	16.4	+42 38	8.1	F5V	38
80781	16.5	-54 45	6.3	B7IV	481
80819	16.9	+26 12	8.2	KOIII	659
80834	16.9	-41 45	9.6	B5nne	705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	9h				
80874	17.1	-25 32	4.5	M1III	645
81028	18.1	+08 09	7.2	M4III	38
	18.1	-50 45	10.0	B2:Vne	705
81038	18.1	-61 34	7.0	B5Vn	496 705
81044	18.2	-31 44	9.7	KOV	465
81058	18.3	+26 20	6.8	K2III	659
81069	18.4	+02 50	7.5	KOIII	38
81109	18.6	-20 36	7.1	M3III	38
298369	18.6	-50 45	10.0	B1Vp	132
				B2:Vne	480
81137	18.7	-52 08	7.4	M3epIb:	765 v
81146	18.8	+26 37	4.6	K2III	53 101 106 469 475
					535 714 vb
81188	19.0	-54 35	2.8	B2IV	79 80 194 287 444
					456 476 640 641 645
					705 719 sb
81192	19.1	+20 14	6.6	G7III+	62
				G8III	145 185 253 462 469
					475 714
81265	19.5	+30 56	7.8	G7IV	38 471
81347	19.9	-47 51	6.7	B5Vk	496 705
81370	20.0	-52 19	8.8	BOIV:	132 251
				B1V	495 692
81373	20.1	+06 41	7.5	G9III	38
81420	20.4	-04 41	5.8	K5III	645
	20.5	-51 32	10.3	B3:Vn	705
81471	20.6	-51 18	6.1	A7Iab	358 404 646
298377	20.6	-51 32	10.3	B3:Vn	480
				B1IV:	132
81505	20.9	+26 48	8.6	G8III	659
81548	21.2	+02 57	8.1	F7V	38
81575	21.3	-43 32	6.4	M5III	465 705 714
81704	22.2	+46 02	8.1	F9IV	38
81783	22.6	-47 19	7.7	K3III	457 705 714
81797	22.7	-08 14	2.2	K3II-III	145 178 v
				K3III	53 106 187 203 259
					287 444 449 460 640
					705 714 758
				K4III	131 641 645 646 665
81809	22.8	-05 38	5.4	G2V	106 45 677
81817	22.8	+81 46	4.6	K3III	53 101 106 535 259
81830	22.9	-61 31	5.8	A2Vn	457 705
				A2V	714 717
81855	23.1	+26 39	8.3	K3III,	659
81937	23.7	+63 30	3.8	FOIV	71 112 299 474 714
					vb
81997	24.1	-02 20	4.8	F6V	45 106 112 156 287
					288 295 653 665 677
					705 714 726
82150	25.1	-35 30	4.6	MOIII	645
82207	25.5	-44 07	7.1	GOV	705 713 sb
82210	25.6	+70 16	4.6	G4III-IV	112 714
				G2IV	101 131 535 714
				G5IV	53 106 469 471
82241	25.7	-44 06	7.0	F8III	615 705
				F8V+GOV	714 457:F8V
82308	26.0	+23 25	4.5	K5III	53 101 106 469 472
					475 535 714 v
82309	26.1	+20 26	7.5	K3III	253
82328	26.2	+52 08	3.3	F6III	19 45 30 87 295 758
				F6IV	97 106 112 131 156
					253 287 288 296 469
					653 665 677 714 736
					763
82333	26.2	+02 43	7.7	G5III	38
82381	26.6	+10 09	5.3	K3III	53 106 469 475
82394	26.6	+22 18	7.5	G7II	38
				KOIII	313
82395	26.6	+11 45	5.1	KOIII	53 106 469 475 714v
82434	26.8	-40 02	3.8	F2III	287 439 640 665 sb
				F2IV	295 456 457 677 705
					714
82446	26.9	-00 44	4.6	A3III	112 456 714
				A3V	640 705
82455	26.9	-47 10	8.6	G5V	465 705
298429	27.1	-51 13	9.7	09III	705 480

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	9h				
82513	27.3	-31 25	6.0	A(m)	555
82516	27.3	-46 56	8.6	K1V	705 713
82523	27.4	+28 49	6.4	A3III?	194
298425	27.5	-50 59	9.7	O9V	480 705
82621	28.0	+52 30	4.6	A2V	71 81 472 714 732
					734
82635	28.1	+36 51	4.6	G8III	53 101 106 170 469
					475 714
82668	28.2	-56 36	3.2	K5III	645 v
82734	28.7	-20 41	5.2	K0IV	645
82741	28.8	+40 04	5.0	K0III	53 106 469 475
237822	29.5	+58 21	9.2	G3V	253 658
82829	29.5	-44 46	8.0	A5eV+K5eIII	52 765 sb
82885	29.7	+36 16	5.4	G8IV	288 342
				G8IV-V	53 65 94 101 106
					156 185 259 287 295
					296 469 475 535 653
					665 677 714 725
				G8V	178
82919	29.8	-56 39	7.4	B5V	705
82957	30.1	-04 27	7.4	G8III	38
82984	30.2	-48 34	5.5	B4Vn	456 705
83023	30.4	+14 49	6.2	A1V	194 714
83043	30.6	-53 12	8.5	B1V:pe	132 251 486
				B1,5Ve	495
83058	30.7	-50 49	5.4	B3n	705
83098	31.0	+28 13	7.1	K2III	659
+26°1981	31.1	+26 41	9.5	A3V	104 sb
83140	31.3	+78 00	8.3	F3IV	38
83183	31.5	-58 47	4.1	B5II	640 705
				B5III	719
83186	31.5	+72 12	7.5	F9V	253
83224	31.8	+24 51	9.6	F6V	659
83240	31.9	+07 17	5.1	K1III	53 106 469 475 714v
83340	32.6	+28 28	7.9	G0IV	659
83341	32.6	+25 48	8.1	G8III	659
83368	32.8	-48 18	6.5	A5(p)	555
				F0p	402
83395	33.0	+30 36	8.0	G6III	38
83423	33.2	+42 44	8.0	F8V	38
83425	33.3	+05 06	4.8	K3III	53 106 145 253 467
					469 471 475 714
83443	33.3	-42 49	8.2	K0V	465 705
83506	33.8	+72 42	5.4	K0III	53 101 106 469 535
83597	34.5	-53 14	9.3	B1Vpe	132 251 486
83617	34.7	+25 29	8.1	G0IV	659
83618	34.7	-00 41	4.1	K3III	53 106 645 v
83625	34.7	-53 46	7.1	A0p	555
83632	34.8	+26 28	7.9	K0III	659
				K2III	253
83754	35.5	-13 53	5.0	B4n	705
				B5V	71 105 126 172 224
					287 289 483 645 646
					719 728 729 758
83805	35.8	+40 13	5.5	G8III	53 101 106 469 475
					535 714
83807	35.8	+28 25	8.7	F8V	659
83808/9	35.8	+10 21	3.8	A2+F6II	714 sb
				A2+F6III	299
				A5V+F8III	177 - 112
83820	35.9	+29 20	8.3	K1III	659
83834	35.9	-63 57	7.0	B8V	496 705
83839	36.0	+51 44	7.3	M2III	38
83865	36.1	-54 18	6.9	B5V	496 705
83881	36.2	-52 49	7.4	B8V	496 705
83935	36.6	+26 04	7.8	K1III	659
83944	36.6	-60 53	4.9	B9V	456 472 476 640 646
					705
83953	36.7	-23 08	4.7	B5V	719
83979	36.8°	-80 30	5.4	B5IV	481
84107	37.7	+30 27	5.7	A3V	194 714
84117	37.7	-23 28	5.0	G0V	457 677 705 714
84123	37.8	+42 31	6.8	F0p	47
84165	38.1	+66 05	7.2	M1III	38
84261	38.9	-65 38	7.4	G7III-IV	705 713

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	9h				
84367	39.7	-27 19	5.0	F7V	645
84440	40.2	+27 32	7.9	K1III	659
84441	40.2	+24 14	3.1	G0I-II	758
				G0II	42 87 101 106 112
					131 145 162 178 187
					259 399 640 641 646
					469 535 763 665
				G5Ib	758
84453	40.3	+45 35	6.8	K0IV	253 469 475 714
84461	40.3	-53 26	5.9	A0V	456 476 705
VX Hya	40.9	-11 33	9.9	F2Ib-F8	766 v
84567	41.0	-29 45	6.5	B2V	345
84577	41.1	+27 38	8.6	K0III	659
84606	41.3	+18 36	7.9	G0IV	38
84660	41.7	+42 54	8.1	F1III	38
84737	42.1	+46 29	5.2	G1V	131 714
				G2V	45 106 469 726
				G3V	677
	42.4	+27 37		F6V	659
T LMi	42.5	+33 45	10.2	A0V	104 sb
84816	42.6	-44 18	5.6	B2:Vn	456 705
				B3V	476 481
84850	42.9	-58 20	6.2	F6IV-V	457 705
84937	43.5	+14 16	8.2	F2IV	646
84999	43.9	+59 31	3.9	F2III	529 758
				F2IV	106 112 299 714 763
85066	44.4	+53 07	9.7	R3	6
				R5	308
85123	44.6	-64 36	3.1	A7II	640 705 710 vb
				A9II	456
85162	44.9	+31 52	7.3	M2III	38
85198	45.2	+18 12	7.9	F6V	38
85217	45.3	+04 49	6.2	F6V	21 sb
297624	45.3	-50 38	10.2	B2V	480 705
297625	45.5	-50 41	10.5	B5V:?e	480
85319	45.9	-01 33	10.3	N	6v
				Nbe	765
				Ce	259
85364	46.2	-03 46	6.0	A5III	645
85376	46.2	+24 52	5.3	A5V	194 714
+27°1818	46.4	+27 22	8.6	M3III-IV	2 765 v
85405	46.4	-22 32	6.5	N	6 v
				N3 ($C5^{-}_{4}$)	1
				N3p($C5^{-}_{0}$)	765
85428	46.6	+25 36	7.8	K2III	659
85431	46.6	-16 05	8.2	F6V	38
85440	46.7	+28 15	7.7	G8III	659
85444	46.7	-14 23	4.3	G5III	458 27 vb
				G8III	53 106 714
85503	47.1	+26 29	4.1	K2III	53 101 106 299 469
					475 535 714
85504	47.1	+02 55	6.0	A1V	253 714
85505	47.1	+00 33	6.2	G9III	117
85512	47.1	-43 01	7.6	K5V	457 677 705
85615	47.9	+26 07	7.4	K2III	659
85675	48.3	+02 31	9.9	A9II-III-	
				F4III	766 v
-21°2931	49.1	-21 22	9.4	M4III:	2 765 v
85871	49.6	-54 54	6.7	B1V	251
				B2Vnnk	496 705
	50.0	-54 24		WR	321
85946	50.2	+27 19	8.1	K0III	659
85951	50.2	-18 32	5.2	M1III	645
85953	50.2	-50 40	5.9	B2III	456 705
85958	50.3	+30 15	8.1	F5V	38
85976	50.4	+26 28	9.0	G8III	659
85980	50.4	-44 49	5.7	B3V	456
				B4V	481
86006	50.6	-45 16	8.2	G5IV	457 471 705
86082	51.1	-07 00	7.0	K4III	645
86111	51.3	-41 07	9.5	N	6 v
				Nb	765
86131	51.5	+29 02	7.4	K2III	659
86146	51.6	+41 32	5.2	F5V	45 106 714 sb
86161	51.6	-57 15	8.3	WN8	321

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	9h				
86168	51.7	+25 16	8.1	K1III	659
86249	52.1	-40 18	9.4	K4V	705 713
86322	52.6	+75 14	6.9	K1III	253
86360	52.8	+12 55	5.2	B9,5V	194 sb
86391	53.1	-20 42	7.8	G7III	38
86440	53.4	-54 06	3.6	B5I-II	303 439 456 486 705 719
				B5Ib	640 641 645
				B5II	481
86460	53.6	+27 59	8.5	G0IV	659
86466	53.6	-52 10	6.0	B3V	481 495 705
86476	53.7	+05 16	7.3	M2III	38
86523	53.9	-47 56	6.4	B3Vnn	496 705
86590	54.4	+25 02	7.9	K0V	659 sb
86629	54.6	-35 25	5.2	F0V	645
298742	54.6	-51 38	11.0	B9V	480 705
86659	54.8	-68 37	6.2	B4IV	481
86663	54.9	+08 31	4.9	M2III	8 145 178 187 472 665
86680	55.0	+28 39	7.9	G0V	659
86728	55.3	+32 26	5.4	G2V	47 156 287 288 653 665
				G4V	253 296 677 714
86778	55.6	+29 16	6.9	K2III	659
86801	55.8	+29 02	8.8	G0V	659
+18°2307	56.2	+17 53	10.0	K0V	193
86871	56.3	+50 21	7.5	G5III	38
86986	57.0	+15 04	8.0	A1V	185 253 462 658 714
87015	57.2	+22 26	5.6	B2V	345
				B3	728
				B3n	729
				B3V	732
87026	57.2	-50 00	7.2	B5V	496 705
87161	58.1	-08 24	8.0	G2IV	38
87209	58.4	+42 52	8.1	F6V	38
87380	59.5	-54 04	8.9	B1IVn	495 692
87386	59.6	+82 53	7.6	K0III	38
87427	59.8	-23 48	5.8	A8V	645
	10h				
87481	00.2	+61 24	7.4	K5III	38
87504	00.3	-12 35	4.7	B8III	456 508 641 645 705 sb
87621	01.0	+38 31	8.2	F3V	38
87638	01.1	-32 54	7.0	F3IV	457 705
87646	01.2	+18 23	7.9	G1IV	38
87680	01.5	+29 44	8.8	G2V	659
87696	01.5	+35 44	4.5	A7V	65 71 94 112 185 224 305 472 474 483
87737	01.9	+17 15	3.6	A0p	22
				A0Ib	30 42 81 163 194 251 483 529 640 641 665 733 734 758
87783	02.2	-46 53	5.1	K0IV	457 471 705
87804	02.4	+27 16	8.2	G8III	659
87837	02.6	+10 30	4.6	K4III	53 106 469 472 475 714
87887	02.8	+00 07	4.5	B5V	640 705 719
				A0III	81 456 714
87901	03.0	+12 27	1.3	B7V	50 65 71 78 81 82 94 126 131 152 194 208 224 289 299 303 455 483 641 646 665 719 728 729 732 59
				B8V	22 357 439 444 529 584 640 758 94 v vb
87998	03.6	-19 15	7.2	G2V	253 sb
				G2V+K5	714
88008	03.7	+25 02	8.8	G5V	659
88015	03.7	-47 46	6.7	B3III	496 705
88108	04.5	-12 52	7.3	M2III	38
88115	04.5	-62 10	8.2	B1III	251
				B1Vn	495
88201	05.1	-32 21	7.5	G0IV	457 705
88206	05.1	-51 19	5.1	B2V	481
				B5IV	640 705 719 476

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	10h				
88215	05.2	-12 19	5.4	F5V	53 106
88230	05.3	+49 58	6.6	K7V	129
88261	05.5	-36 17	7.7	G3V-VI	519
88284	05.7	-11 52	3.8	K0III	53 106 259 645 652 705 758 sb
88355	06.3	+13 51	6.4	F6V	458 474 714 27 vb
88371	06.3	+24 15	8.4	G2V	253 714
-0°2304	06.4	-00 41	9.8	F4V	253
88416	06.6	+27 36	8.5	K0IV	471 659
88476	07.1	+28 44	6.8	G8III	117 659
88500	07.2	-60 09	10.1	WC7+	321
88513	07.4	+42 23	8.2	F3IV	38
88532	07.5	+28 47	8.5	K0IV	471 659
88533	07.5	+27 55	8.2	G5V	659
88539	07.5	-34 50	7.0	N	6
88603	07.9	-49 39	7.5	B8III	705
88627	07.9	+77 36	10.0	R5	308
				R6	6
88651	08.3	+60 31	6.1	M0III	2 765 v
88725	08.9	+03 39	7.7	G1V	253 646 714
88742	09.0	-32 32	6.4	G1V	457 705 714
88746	09.0	-46 59	8.1	G8V	457 677 705
88785	09.4	+42 22	8.2	F3III	38
88825	09.6	-59 25	6.4	B5III	753
				B5Vnne	496 705
88865	09.9	+70 30	8.3	F6IV	38
88907	10.1	-61 09	6.4	B3V	495 705 753
				B3Vn	456
88955	10.5	-41 38	4.0	A2V	456 476 640 641 645 705 sb
88960	10.6	+29 48	5.4	A0V	194
88981	10.7	-65 52	5.4	Am	422 555
89021	11.1	+43 25	3.5	A2IV	22 65 81 94 458 508 529 714 758
				A2V	734
89025	11.1	+23 55	3.6	F0II-III	763 27
				F0III	30 97 106 112 131 287 458 474 529 640 646 641 665 714 758
89055	11.3	+26 22	7.5	G0V	659
89080	11.4	-69 32	3.4	B7IV	456 476 641 645 719
				B8,5IV	439 640 705
89090	11.5	-28 07	7.2	G1V	465 705
89104	11.6	-54 28	6.5	B3V	753
89137	11.8	-50 45	7.9	O9,5V	495 692
89174	12.0	-51 42	7.9	B1III	495 692
89201	12.3	-56 52	7.8	B1I	133
89254	12.7	-07 34	5.4	F1III	645
89268	12.8	+47 17	6.2	K1III	117
89276	12.9	+30 20	8.2	F0V	38
89312	13.1	-20 31	7.4	K5II-III	38
89361	13.6	+24 52	7.8	K2III	659
89388	13.7	-60 50	3.4	K5Ib	640 641
				K5III	645 v
89415	14.1	+29 51	9.8	F5V	659
+20°2465	14.2	+20 22	9.4	M4,5V	287 665 677 138
				M4,5:Ve	409 765 65 v
				M4V	725
89449	14.3	+19 59	4.8	F6IV	65 71 106 112 303 195 287 646 714 763
				F6V	45 v
89484	14.5	+20 21	2.6	K0p	758 sb vb
				K0III	53 62 106 145 158 253 259 391 469 475 513 515 536 714
				K0IIIp	287 640
				K1III	178
89485	14.5	+20 21	3.8	G7III+	62 145 158 178 391 513 515 536 vb
89499	14.5	-84 36	8.5	G3VI	519 616
				G3V	705 713
89557	15.0	+29 27	7.5	G8III	659
89587	15.1	-50 13	7.2	B5III	496 705
+20°2170	15.4	+20 02	8.6	F6V	376
89629	15.5	+28 15	8.3	G8IV	659
89630	15.5	+27 25	8.6	F8V	659

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	10h				
89631	15.5	+27 13	8.8	F5V	659
89668	15.7	-00 57	9.4	K3V	253 296 459 471 509
89688	15.9	+02 47	6.5	B3III	729 v
				B3IV	345 594 765
				B3V	217
89707	16.0	-14 59	7.0	F8V	253
89740	16.2	-58 38	6.2	B3V	753
				B3Vn	496 705
89758	16.4	+42 00	3.0	M0III	178 259 287 472 665 714 sb
89774	16.5	+15 29	6.1	A1V	194 714 v
89777	16.5	-16 32	9.4	G8V	253
89822	16.9	+66 04	4.9	A0p	81 174 sb
89862	17.1	+57 02	8.4	K0IV	287 295 573
89885	17.2	-20 04	7.2	K1III	38
89890	17.2	-55 33	4.5	B3IV	456 640 719
				B5IV	640 705
				B5III-V	753
89945	17.7	-08 54	7.2	M3III	38
	18.0	-57 36		WR	321
89998	18.1	-41 09	5.0	K1III	645 v
90009	18.2	+26 04	6.9	K2III	659
90068	18.6	+34 41	7.3	M6III	38
90087	18.8	-59 16	7.7	O9,5V	251 486 495 692
90089	18.9	+83 04	5.3	F2V	47 714
				F5IV	45 106 714
90164	19.4	+30 52	7.8	F8V	38
90177	19.4	-59 07	8.2	Bep,B2eq	682 v
90183	19.5	+25 07	8.2	G0V	659 sb
90250	20.0	+35 56	6.6	K1III	253 459 469 471 475 509 714
90273	20.1	-57 09	9.1	O7	133
90277	20.2	+34 18	4.8	F0V	112 472 714
90288	20.2	-56 58	8.3	B3V?	753
90346	20.7	+25 14	7.3	K1III	659
90362	20.8	-06 34	5.8	M0III	253 714 62
90432	21.3	-16 20	4.1	K4III	53 106 203 645 705 714
				K5III	472
90442	21.4	+27 10	8.3	K1V	659
90443	21.4	+25 26	7.9	K1III	659
-5°3063	21.8	-05 59	10.8	K0V	296
90508	21.9	+49 19	6.5	G1V	253 295 296 677 714
90518	21.9	-42 14	6.1	K1III	457 705
90519	21.9	-45 02	7.7	K1III	465 705
90520	21.9	-45 04	7.5	G3V	465 615 705 714
90537	22.1	+37 13	4.5	G8III-IV	53 106 203 469 475 714
90559	22.2	-42 54	8.2	K1III-IV	465 705
90567	22.3	-27 44	8.4	F8V	659
90569	22.4	+10 16	5.9	A2p	174 555
90578	22.4	-57 20	9.3	B1,5III	133
90589	22.4	-73 32	4.3	F2III	456 640 714 v
				F3III	665
				F3IV	641 645 677
				F3IV-V	465 705 714
-24°9072	22.6	-25 03	9.7	Be	765 v
90610	22.6	-30 24	4.2	M0III	645 v
90615	22.6	-56 49	8.2	B0II	132 133
90657	22.9	-58 08	9.6	B2Ve	495
				WNp	321
90682	23.1	+27 26	8.0	K3III	659
90706	23.2	-57 06	7.0	B3Ik	496 705
				B4I	132 133 (B3I::132)
90711	23.3	-06 05	7.9	K0V	253 714
90740	23.5	-43 50	7.1	G5III	465 705 v
90772	23,7	-57 08	4.9	F0Ia	303 404 358 642 646
+30°2022	23.8	+30 10	8.8	K1III	253
90801	23.9	-57 53	10.2	B2V	133
237903	24.0	-56 30	9.0	K7V	259 287 288 470
90831	24.1	-56 50	10.2	B2III	132 133 486
90832	24.1	-56 53	9.1	B1III	132 133 486
90839	24.2	+56 30	4.8	F8V	45 65 66 67 71 106 287 112 131 156 184 288 295 341 653 665 677 714 725 726 758 763 59 vb

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	10h				
+56°1458	24.2	+56 30	8.7	K7V	65 66 67 295 573 665 677 714 vb
	24.2	+56 52	8.2	K0IV	65 vb
90840	24.2	+39 26	5.9	A4III	194 sb?
90841	24.2	+29 02	8.2	K2III	659
90853	24.2	-58 14	4.4	F0I-II	456
				F0II	614 640 641 645 646 705
90861	24.3	+29 05	6.9	K2III	659
90932	24.8	+27 51	8.2	K1III	659
90994	25.2	-00 08	5.0	B5V	640 705
				B6V	105 124 483 646 665 719 728 729 732
+46°1635	25.5	+46 03	8.9	K7V	296 253 677
91106	26.0	-07 07	6.4	K5III+F6V	313 391 sb
91130	26.2	+32 54	5.8	A0IV	194
91148	26.3	+24 36	8.8	G8V	659
91164	26.4	+25 14	7.9	K0III	659
91190	26.6	+76 14	5.0	K0III	53 101 106 535 714
91312	27.4	+40 57	4.8	A7IV	112 sb
91316	27.5	+09 49	3.8	B1I	78 439 758
				B1Ib	20 30 42 50 94 135 172 217 251 285 345 377 483 507 529 531 584 598 640 646 665 719 728 729 sb
91323	27.5	-43 59	7.4	B5III	496 705
91348	27.7	+28 18	8.4	G8III	659
91365	27.8	+35 31	5.6	A2V	194
91366	27.8	+25 38	7.7	K1III	659
91421	28.2	-57 43	9.3	WN5	133 321
91452	28.4	-63 26	7.5	B0I?	251
				B0II	495
91465	28.5	-61 11	3.6	B3IVe	439 v
				B3V	719
				B3Ve	456 640
				B5pe	641
				B5III	753
				B5IVpe	439
				B5Ve	645
91480	28.7	+57 36	5.2	F1V	27 33 71 289 305 455 458 474 714
91504	28.8	-46 30	5.1	K4III	645
91545	29.2	+28 30	6.8	K2III	659
91550	29.2	-23 14	5.3	K4III	645
91572	29.3	-57 40	8.6	O7	133
91612	29.6	+07 28	5.2	G8II-III	53 106 145 253 469 475 714
91619	29.6	-57 41	6.2	B5Ia	358 404 481
				B8e	705
91636	29.8	+09 10	5.7	A2V	389 sb
91651	29.8	-59 37	8.8	O9Vp?	251
				O9,5Vn:	495 692
91685	30.1	+29 37	8.7	F7V	659
91745	30.5	-53 44	12.0	B8	765 v
91793	30.8	-39 03	8.3	N	6 v
91824	31.0	-57 39	8.6	O7	132 133 193 461 496
91842	31.2	+28 18	8.7	K1III	659
91850	31.2	-57 40	9.2	B1III	461
				B1IV:	132 133 486
91855	31.3	-26 41	8.9	K0III	659
91881	31.4	-26 10	6.2	F6V	457 705 714 sb
91889	31.5	-11 42	5.8	F8V	253 296 645 714
-57°3340	31.7	-57 41	8.8	B0,5V	251
91943	31.8	-57 41	7.7	B0,5I	133
				B0,5Ib	251 461 486 132
				B0,5Ik	496 705
91950	31.9	+25 36	8.3	G2V	659
-57°3346	31.9	-57 42	7.7	B1II	251
-57°3348	32.0	-57 42	9.3	B0,5V	251
91969	32.0	-57 43	6.0	O9,5I	717
				O9,5Ik	496 705
				B0Ia	133
				B0Ib	251 486 642 132
				B0I(b?)	461
91981	32.1	-47 20	7.3	G0IV	457 705
91983	32.1	-57 45	8.5	B1III	132 133 461 486

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	10h				
92007	32.3	-57 44	9.3	BOII	132 133 486
				BO,5III	461
92024	32.4	-57 42	8.8	BIII	486
92044	32.5	-57 46	8.2	BO,5II	132 133
				BO,5II-III	461
				BO,5III	486
92055	32.6	-12 52	4.5	N	6 714 v
				N2($C7_3$)	1 646 765
				$C7_3$	135 535
92095	32.9	+54 12	5.7	K3III	145 253 469 475 714
92108	33.0	+26 26	8.7	KOIII	659
92125	33.1	+32 30	4.8	GOII	112
				G2II	53 106 259 469
				G3II:	145 178
92139/40	33.1	-47 42	4.5	F3-5IV	
				+F3-5V	
				+A0-1V	450 sb
				FOp	705
				F5IV+F3V	
				+A6V	612
92155	33.2	-53 20	6.7	B3Vn	496 705
92206	33.6	-58 06	8.7	O6	495
				O7	132 133
92207	33.6	-58 13	5.6	AOI	753
				AOIa	132 133 303 358 404 486
92214	33.7	-16 22	5.1	KOIII	53 106 714 sb
92287	34.2	-56 44	6.4	B3III	456 705
				B3V	753
92305	34.3	-78 06	4.2	MOIII	645
92321	34.5	+38 54	8.0	K4III+K3III	313 sb
92383	34.8	-57 31	9.3	BOV	133
92424	35.1	+66 14	5.2	K2III	53 101 106 469 475 535 v
92449	35.3	-55 05	4.6	G2II	457 645 705 vb
92456	35.4	+26 13	7.7	KIIII	659
92464	35.4	-55 28	7.2	B3V?	753
				B5Vn	496 705
92504	35.7	-56 57	8.5	O9:	495
92505	35.7	-60 28	8.1	B3III-V	753
				B3IV	133
				B5III	496 705
92523	35.9	+69 36	5.2	K3III	53 101 106 469 475 535
92538	36.0	+66 33	8.7	GOV	253
92547	36.0	-12 37	8.1	F8V	38
92554	36.0	-60 24	8.6	O9,5II:	133
				BOV:	495 692
92588	36.3	-01 13	6.4	KIIV	645
92714	37.2	-58 03	9.3	B2Ve	495
92740	37.4	-59 09	6.5	WN7	132 646 321 v
92741	37.4	-59 27	7.6	BIIIk	496 705
				B3III	753
92764	37.6	+45 28	8.8	A(m?)	559
92769	37.6	+26 51	5.6	A5V	194
92783	37.6	-63 57	6.5	B9Vn	496 705
92809	37.8	-58 15	9.1	WC6	321
92824	38.0	+26 17	9.3	F8V	659
92825	38.0	+23 43	5.1	A2V	194
92839	38.1	+67 56	5.9	N	6 v
				NO($C6_3$)	1 535 765
				R8	308
+47°1806	38.1	+46 49	9.1	GIIV	253
92841	38.2	+05 16	6.0	K3III+KOIII	391
92850	38.2	-56 29	8.0	BOI	495 692
				BOIb	251
92855	38.2	+46 44	8.1	F9V	38
92938	38.7	-63 57	5.1	B3V	260
92964	38.8	-58 42	5.4	BIe	705 v
				B3I	753
				B3Ia	303 358 404 642
92982	39.0	-57 47	8.8	BIII	495 692
93003	39.2	-60 28	7.6	B3V	753
93010	39.3	-60 39	7.4	B3III	496 705
				B5V?	753
93013	39.4	+45 30	8.1	KOIII+F3V:	313 sb
93028	39.4	-59 41	8.3	O9I	495 692
93030	39.4	-63 52	3.0	O9,5V	456 719 sb
				BOV	133 642 645
				BOVp	79 80 439 640 641 645
+50°1766	40.0	+49 48	10.4	A3V	224
93128/9	40.1	-59 02	8.5	O6e	495 vb
93130	40.2	-59 21	8.9	O6	251
93131	40.2	-59 36	6.7	WN7	132 321
				O8	595
93132	40.2	+57 53	6.5	MIIII	243
93144	40.2	-55 02	8.2	KIIII	465 705
93152	40.3	+31 13	5.4	B9V	194
93160	40.3	-59 03	7.4	O7	251
93162	40.3	-59 12	8.8	WN7+O7	321
93163	40.3	-63 44	6.0	B3:V	456
				B5s	705
237929	40.4	+55 34	9.0	GIIb-K3Iap	46 765 v
				K3p:Ia:	2
93173	40.4	-43 26	9.0	G5V	465 615 705
93190	40.5	-58 46	8.6	BO:IV:pe	251
93194	40.5	-63 26	5.0	B3V	640
				B3n	705
				B5Vn	456
-59°3291	40.6	-59 26		O9,5III	251
93206	40.6	-59 28	6.6	O9,5I :	495 692 v
				BOI	133 753
				BOIb:	132 251
93215	40.7	+26 18	8.4	G5V	659
93222	40.7	-59 34	8.9	O7	251
-59°3300	40.8	-59 16	8.7	O6	251
93237	40.8	-72 16	6.2	B5V	481
				B5Ve	476 705
93238	40.9	+66 08	7.2	M4III	38
93242	40.9	+26 08	8.4	KOIII	659
93250	40.9	-59 03	8.4	O5	251
93321	41.3	-60 08	9.6	B5V	133
93342	41.4	-58 52	9.4	BOIII:	132 133
93391	41.9	+27 26	7.3	K5III	38 659
93403	41.9	-58 53	8.0	O5f	132 251
				O6	133 642
				O6k	496 705
93497	42.5	-48 54	2.7	G5III	444 449 457 474 640 646 705 714 sb
93521	42.7	+38 06	6.9	O9Vp	50 135 217 251 345 729
93540	42.7	-63 59	5.5	B7:V	456
				B8n	705
93542	42.8	+14 45	8.2	F5V	38
93552	42.9	+22 38	8.3	F2V	38
93607	43.2	-63 52	5.1	B3IV	481
				B4IV	456 705
93695	43.9	-59 21	6.7	B5V	496 705 753 v
93702	44.0	+11 04	5.3	A2V	194
93714	44.0	-64 02	6.6	B3III	496 705
93723	44.1	-59 08	8.5	B3IV	133
93737	44.2	-59 24	6.1	AOI	753
				AOIa	481
305619	44.4	-59 45	9.5	O9,5Ia	133 646
93795	44.5	-59 01	8.5	AOIa	132 133
93813	44.7	-15 40	3.3	K2III	53 106 287 299 449 640 641 645 705 714 758
93840	44.8	-46 15	7.1	BII	717
				BIIk	496 705
93843	44.8	-59 42	7.4	O6	133
				O6,5	495
93845	44.8	-80 01	4.5	B3V	456 640 641 645 705 719
94028	46.1	+20 49	8.2	F4V+:	62
94084	46.5	+53 03	6.6	K2III	253 469 475
-20°3283	46.8	-20 43	6.7	N	6 v
				N6 ($C7_5$)	1
				N6e($C6_{3e}$)	765
				C75e	259
94190	47.2	+77 38	7.0	M3III-	62

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	10h				
94247	47.5	+55 07	5.4	K3III	53 101 106 469 475 535 714
94264	47.7	+34 45	3.8	KOIII-IV	53 65 101 106 145 178 185 469 535 714 758
				K1III	259 475
94270	47.7	-16 29	7.9	G0V	38
94334	48.2	+43 43	4.8	A1V	81 472 687 714 sb
94336	48.2	+26 44	7.3	MIII	659
				M3III	38
94363	48.3	-01 43	6.2	KOIII+G0V	391 sb
94367	48.4	-56 43	5.6	A0Ia	303 358 404
94369	48.4	-57 43	7.3	B1I	132 133
94388	48.6	-19 36	5.3	F6V	45 106 714 v
94406	48.6	-52 54	11.8	N3	765 v
94444	49.0	-43 53	7.8	F8IV-V	457 677 705
94467	49.2	+66 16	8.1	F9V	38
94491	49.3	-58 22	6.6	B3V	753
				B5V	496 705
94493	49.3	-60 17	7.4	B0I	717
				B0Ik	496 705
				B0,5I	133
94500	49.4	-00 59	8.3	F4IV	38
94510	49.4	-58 19	3.9	KOIII-IV	645 705 713 714 sb
94546	49.7	-58 59	10.6	WN6p	321
-18°3055	49.8	-18 51	10.5	R2	308
94574	50.0	+70 34	8.1	F4V	38
94600	50.2	+34 02	5.2	K1III	53 101 106 469 475 535 714
94601	50.2	+25 17	4.5	A1V	81 194 vb
94602	50.2	+25 17	6.3	A1V	81 194 vb
94660	50.5	-41 43	6.3	A0(p)	402
94663	50.5	-58 16	9.2	O9,5III	495 692
94669	50.6	+42 33	6.1	K2III	253 469 475 714
94705	50.8	+06 43	6.0	M5III	145 v
+42°2163	51.4	+42 25	9.9	K1V	253 296
94794	51.5	+14 07	8.1	F8V	38
+16°2188	51.7	+15 49	10.0	R0	308
94833	51.8	+25 49	8.9	F8V	659
94834	51.8	+24 41	7.7	K1IV	471 659
94890	52.1	-36 36	4.7	G5III	645
94906	52.2	-30 40	7.4	F2V	465 705
94909	52.2	-57 01	7.3	B0I	133 495 692
				B0Ib	132 251 486
+41°2143	52.4	+40 46	10.6	Am	224
94937	52.5	+78 13	8.1	F7V--	38
94963	52.6	-61 11	7.6	O8f	251
94966	52.7	+24 55	7.9	K1III	659
94978	52.8	+66 50	8.3	F0IV	38 287
+41°2144	52.8	+41 12	10.6	A2p	224
95029	53.1	-51 18	8.8	B2V	495 692
95128	53.9	+40 58	5.1	G0V	45 97 106 131 469 677 714 726 758
95129	54.0	+36 38	6.2	M2III	253
95148	54.0	-25 34	11.0	A1V	305
+42°2173	54.3	+42 08	10.4	R2	308
95188	54.4	+25 50	8.9	G8V	659
95216	54.5	+12 14	6.4	F5III	100
95233	54.6	+52 02	6.5	G9III	117 714
	54.7	-60 39		WR	321
95272	54.9	-17 46	4.2	KOIII	53 106 145 253 299 645 705 714
95275	54.9	-54 21	8.6	O9V	251
				B0I	495
+41°2150	55.1	+41 14	10.4	R0	308
95310	55.2	+39 45	5.1	Am	516 555
95345	55.4	+04 09	5.1	K1III	53 101 106 469 475 535 714
95363	55.5	+27 40	8.2	F7V	659
95364	55.5	+24 37	8.4	G2V	659
95370	55.5	-41 41	4.5	A2IV	456 641 645 705
95382	55.6	+06 38	5.1	A5V	710
95405	55.7	-25 19	9.0	Kp	6
95418	55.8	+56 55	2.4	A0V	27 33 222 289 458 474 sb
				A1V	22 30 71 74 81 131 172 287 299 483 528 529 665 732 734 758
95456	56.0	-31 18	6.1	G0V	457 705 714
95461	56.0	-58 50	7.9	B0I	133 495 692
				B0,5Iab	251
95532	56.5	-16 24	7.9	F7IV	38
95578	56.7	-01 57	5.0	K5III	53 106 458 472 474 714
95608	57.0	+20 43	4.4	A1V	194
				Am	25 81 185 289 472 516 555 714
95660	57.4	+30 58	8.2	F3V	38
95680	57.5	-20 52	7.4	G6III	38
95689	57.6	+62 17	1.8	G8II-III	758 sb
				K0II-III+F: +F7V	391
				K0III	53 71 81 101 106 131 145 178 287 299 475 479 469 535 665 714 725 65
				K1III	687
95725	57.8	+29 29	7.3	K1II	659
95731	57.8	-58 50	9.0	B0II	133
				B0,5III	495 692
				B1Ib	251
95735	57.9	+36 38	7.5	M2V	8 65 138 145 185 259 287 296 470 573 665 677 714 727
95768	58.1	+44 52	9.6	Am+G8III-IV	224 sb
+33°2070	58.3	+33 41	11.6	A1Vp?	224
95868	58.6	+15 11	10.0	G2V	100
95886	58.7	+14 26	10.7	G0V	100
95920	58.9	+14 17	9.5	F0V	100
95934	59.0	+38 47	6.1	A3V	194
95936	59.0	+14 48	8.6	K3III	100
95959	59.1	+15 17	7.9	K0III	100
95978	59.2	+29 44	8.1	K2III	659
96003	59.3	+13 12	6.7	A3p	100
96042	59.5	-58 54	8.3	O9,5Ve	133
96088	59.8	-57 25	6.2	B3III	496 705
				B3V	753
96097	59.9	+07 53	4.7	F2III-IV	112 714 v
	11h				
+44°2051	00.2	+44 03	14.2	M2V	295 253 677 296 vb v
96161	00.3	+38 56	7.5	G5III	38
96202	00.5	-26 45	5.1	F4V	645 vb
96218	00.6	+13 07	7.7	F5V	100
96234	00.7	+24 45	8.8	K0III	659
96248	00.7	-59 19	6.5	B0,5I	753
				B1I	133
				B1Iab	132 251
				B1II	481
96261	00.8	-59 10	7.6	B0,5III	495
				B1Ib	132
+15°2286	00.9	+15 17	11.0	G0V	100
96294	01.0	+54 14	8.2	F2III	38
96344	01.3	+15 34	9.0	M0II:	100
96345	01.3	+14 49	9.3	K2V	100
96373	01.5	+15 43	7.6	M2III	100
96393	01.6	+26 17	9.6	K0III	659
96446	01.8	-59 24	6.6	B?IIIp	481
				B2V	133 753
96497	02.1	+22 35	7.9	G1V	38
96514	02.1	+13 33	7.6	K2III	100
96528	02.3	+23 52	6.4	A5V	194 714 sb
96548	02.3	-64 58	7.8	WN8	321 646
96550	02.4	+14 02	8.0	F5V	100
96557	02.4	-32 03	6.6	F2IV	457 705 714
96574	02.5	+14 23	7.4	F9V	253
				G0V	100
96587	02.5	-59 42	9.7	A2V	133
96622	02.7	-59 08	8.9	O9,5IV	133
96638	02.8	-59 15	8.4	O8	133
96650	02.9	-54 35	11.8	N3	765 v
96670	03.0	-59 20	7.6	O8	132 133 251
96662	03.0	-53 14	9.9	O9,5IV	132

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	11h				
96696	03.2	-20 59	7.7	G7III	38
96700	03.2	-29 38	6.5	G2V	457 705 714
96706	03.2	-70 20	5.8	B2III	645
				B3III	496 705
96738	03.4	+25 12	5.6	A3III	194 714
96780	03.7	+15 44	7.9	G0III	100
96810	03.8	-59 41	8.8	B4II:	133
96829	03.9	-60 17	7.4	B3III	753
96833	04.0	+45 02	3.0	K1III	65 71 101 106 203
					259 287 469 475 479
					535 687
				K2III	758
				K3III	714
96834	04.0	+43 45	6.0	M2III	253
96880	04.2	-58 52	7.6	B1Ib	132 251
96917	04.4	-56 31	7.2	09II:	251
96918	04.4	-58 26	4.0	F8Ia	640 705
				G0Ia	303 641 645
				G0Ia+	358 404 646
	04.4	-60 11		WR	321
96919	04.4	-61 24	5.4	B9Ia	303 358 404 481
				A0I	753
96975	04.8	+16 26	7.4	F2V	100
97152	05.8	-60 26	7.9	WC6+BOV:	321
97166	05.9	-59 42	7.9	O8	133
97222	06.3	-59 36	9.1	BOII:	132 133
97253	06.5	-59 50	7.2	O6	132 133 642
97277	06.7	-22 17	4.5	A2III-IV	456 641 705 714 sb
				A2IV	645
97306	06.9	+14 51	8.5	F5III	100
97319	06.9	-60 34	9.1	O9,5Ib	480 705
306145	07.0	-59 23	9.5	B2::Vne	480
97333	07.1	+41 05	8.7	A(m?)	559
97334	07.1	+36 21	6.3	G0V	47
306097	07.1	-60 22	8.8	O9III	480 486
97381	07.3	-59 50	8.2	B1III	133
97406	07.5	+46 45	8.3	F1V	38
97434	07.6	-60 09	8.0	O8:	133
97471	07.8	-58 16	8.8	BOV	480 486 495 692
97476	07.9	-27 43	7.8	K4III	659
97484	07.9	-60 33	9.0	O5:	133 sb
97486	08.0	+62 48	7.8	G5III	38
97499	08.0	-60 46	9.2	B2,5V	133
97503	08.1	+05 01	8.8	K5V	253
303922	08.1	-58 40	10.3	F7V	480 705
97521	08.2	-58 18	9.5	B2V	480 486
97522	08.2	-64 40	7.8	B1Ib-II	251
				B1III	495
97533	08.3	-58 06	8.4	B1:Vn	480 705
97534	08.3	-59 46	4.6	F0Ia	92 303 358 404
				F0eIa	259
				F2Ip	456
				F6I	753
97557	08.4	-59 08	7.2	B3III	133
				B3IV	481
97561	08.5	+20 41	6.9	G7IV	253 469 471 475 714
					vb v
97581	08.5	-60 12	9.0	B1III	480
97583	08.6	-63 37	5.5	B9V	481
97603	08.8	+21 04	2.6	A3V	640 641 734
				A4V	30 112 131 224 287 27
					299 458 472 474 483
					598 665 677 714 v
97633	09.0	+15 59	3.4	A0V	640
				A1V	733
				A2V	81 82 194 224 287
					472 483 641 646 665
					714 732 734
97658	09.2	+26 16	7.6	G7V	38
				K1V	659
97670	09.2	-59 04	6.0	B3III	753
306205	09.2	-60 43	9.9	B1,5Vne	480
97686	09.3	-47 34	9.2	F8V	458
97689	09.3	-52 18	6.9	Am	422
306157	09.3	-59 45	10.3	B1V	480
97707	09.3	-60 12	8.2	B2Ia	480 486
	11h				
97777	09.9	+26 59	9.7	G8III	659
97840	10.2	-32 46	7.0	F5IV	457 705 714
97848	10.2	-58 29	8.7	O9III	480 495 692
				O9IV	132 251
306196	10.2	-60 31	9.6	BO:Vn	480 705
	10.3	-60 46		WR	321
97876	10.4	-11 02	7.3	M4III	38
306168	10.4	-60 07	9.5	B3:V	480 sb
97904	10.6	+74 53	7.6	G7III	38
97907	10.6	+13 51	5.5	K3III	53 101 106 469 475
					535 714
97913	10.6	-58 38	8.9	BO(I?)	251
				B1V:	480 495 692
97916	10.7	+02 38	8.9	F5V	253 658
97950	10.8	-60 43	8.8	WN5+O	132 321 sb
97966	10.9	-58 52	8.9	O7,5	132 251 480 495
97969	10.9	-59 37	8.0	B1:Vn	480 705
97991	11.1	-02 55	7.3	B2V	345 599
98019	11.3	-20 09	7.8	G7III	38
98058	11.6	-03 06	4.6	(A7III-IV)	112
				A7IV	456 641 645 705
98088	11.9	-06 35	6.0	A2p	174 sb
98118	12.1	+02 34	5.4	M0III	185 253 714
				M0III+	62 145
98155	12.4	+25 37	7.8	K0III	659
306234	12.4	-59 02	10.2	B2V	480
	12.5	-58 53		WR	321
98210	12.7	-60 23	9.0	BO,5III	480 705
98220	12.8	-32 59	6.8	G0IV-V	465 705 714
98230/1	12.9	+32 06	3.8	G0V	45 106 112 259 296
					342 399 469 687 714
					726 758 sb
				G0V,G0V	96 677
98260	13.0	-60 58	10.0	B1,5III	480
98262	13.1	+33 38	3.5	K3III	53 65 71 101 106
					203 469 475 479 535
					687 714 sb
98280	13.1	+12 32	6.5	A2V	194 714
98281	13.2	-04 31	7.3	G8V	253 296 714
98353	13.7	+38 44	4.8	A2V	194 714 sb
98430	14.3	-14 14	3.8	G8III	641 645
				G8III-IV	53 106 203 714
				K0III	640 705
+66°717	14.5	+66 23	10.6	M1V	296 65 211 253 665
					677 725 573 765 v
98481	14.6	-57 40	9.5	B2III	480 486
98487	14.7	+62 54	8.2	F1V	38
98500	14.8	+30 40	7.4	M0III	38
98562	15.3	+24 09	8.8	G2V	659
98614	15.6	-59 01	8.4	B1III	251 495 692
98624	15.7	-60 41	9.1	B1:Vne	480
98664	16.0	+06 35	4.1	B9V	81 472 640 641 714
98710	16.4	+35 25	8.4	A(m?)	559
98718	16.4	-53 56	4.3	B3V	640
				B5V	645
				B5Vn	705 457
				B6V	476 719
				B6Vn	641 456
98733	16.5	-59 37	8.0	B1Ib	132 251
98818	17.2	-60 40	7.6	K0IV	457 471 705
98824	17.3	+17 59	7.0	K1III	253 459 509 714
				K1III-IV	469 475 714 62
98839	17.4	+44 02	5.1	G8II	42 82 106 469 479
					665
				G8II+	145 178
306387	17.6	-60 29	9.5	B1,5III	480
98927	17.9	-60 31	9.2	B1,5Ve	480 495
98932	18.0	-16 04	8.1	F5III	38
98946	18.1	+35 21	9.6	A(m?)	559
+43°2209	18.3	+43 40	11.9	K0III	320
98991	18.4	-18 14	5.2	F5IV	53 106 705 714
99024	18.6	-59 58	8.9	B2:V	480
99028	18.7	+11 05	4.0	F2IV	112 71 714 sb(F2V:27)
99058	18.9	-20 43	8.1	F6V	38
99103	19.1	-64 24	6.8	B5I-III	753
99160	19.5	-60 48	9.1	O9II:	480 495 692

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	11h				
99167	19.6	-10 19	5.1	K5III	53 106
99171	19.6	-42 07	6.4	B0III	645
99195	19.8	+11 59	6.0	K4III	145 253 459 475 714
99211	19.9	-17 08	4.1	A5III	299
				A5V	640 645 705
				A7IV	456 641
306480	20.0	-59 03	11.1	B5III:	480
99264	20.2	-71 42	5.7	B3III	481
99279	20.3	-61 06	7.2	K7V	457 677 sb
				K7V+M0V	705
				M0V	465
233832	20.6	+50 55	10.1	K0V	253 658
99331	20.7	-13 59	7.4	K5III	38
99354	20.8	-60 43	9.2	B1IIIne	480 705
99383	21.0	-38 19	9.2	F5VI	519
99416	21.2	-59 38	8.8	B0,5V	133
99473	21.6	+28 59	7.5	A6V	557
99546	22.0	-58 53	8.5	08	132 251 480 486 705
99556	22.1	-60 34	5.5	B5III-V?	753
				B5IV	456 476
99592	22.4	+45 44	6.5	M4III	2 765 v
99593	22.4	+30 23	9.2	F2V	557
99594	22.4	+26 59	8.1	K2III	659
99648	22.8	+03 24	5.2	G8II	458 474 27
				G8II-III	53 106 469 475 714
99787	23.7	+39 53	5.3	A1V	194 714 sb
99831	24.0	+42 38	8.9	Am	224
99832	24.0	+30 58	7.1	F5V	557
99857	24.1	-65 56	7.5	B0,5III	495
				B1Ib	251
99873	24.3	-00 18	7.4	K4III	38
99890	24.4	-56 05	8.3	B0,5V:	495 692
99897	24.4	-62 06	8.8	06	480 486 705
				07	133
99939	24.7	-57 17	7.9	B2Ik	496 705
99945	24.8	+81 41	6.1	Am	555 714
99947	24.8	+25 27	9.2	K0III	659
99953	24.8	-63 00	6.4	B1I	133
				B2Ia	132
				B2I	717
				B2Ia	251 486 596
				B2Ik	496 705
99954	24.9	+47 48	8.4	K0III	320
99957	24.9	+25 52	7.7	K3III	659
99967	25.0	+47 12	6.5	K0V	320 sb
				K1II-III	652
+30°1143	25.2	+30 26	9.5	F8V	557
99998	25.2	-02 27	5.1	K4III	53 106 714
100029	25.5	+69 53	4.1	M0III	145 178 299 472 714v
100030	25.5	+48 29	6.2	G8IV	117 320 471
+50°1828	25.6	+50 14	10.6	G7IV	320
100041	25.6	+29 00	7.0	MIII	659
				M3III +	62
				M4III	253
				M5III	557
100055	25.7	+49 20	6.4	G9III	320
100099	25.9	-63 16	8.0	09,5V?	132 251
				09,5III	495 692
-56°4554	26.0	-56 36	8.3	K4V	705 713
+29°2177	26.3	+29 33	9.5	F2III	557
100149	26.4	+31 31	7.9	G5V	557
+46°1732	26.4	+46 35	11.1	K0III	320
+49°2064	26.6	+49 21	10.0	K0III	320
100179	26.6	+24 52	7.2	K4III	659
100198	26.6	-60 43	6.4	A0I	753
				A0Ia	481
100199	26.6	-62 23	8.2	B1Ibp	132 251
				B1Ib-IIIp	486
				B1IIIp	480 495
100203	26.7	+61 38	5.5	F6V	106 45 714 sb
100204	26.7	+30 48	7.9	K1IV	557
100215	26.8	+39 28	8.0	Am?	559
100242	26.9	-60 06	8.7	B0IV:	133
+47°1883	27.1	+47 54	10.7	K0IV	320
100255	27.1	+29 37	7.8	F5V	557

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	11h				
100261	27.2	-58 53	5.0	G0Ia	303 358 404 646 v
100262	27.2	-58 58	5.3	A2I	753
				A2Ia	303 358 404 596 vb
100276	27.2	-60 03	7.5	B0,5I	717
				B0,5II	133
				B0,5Ik	496 705
				B1Ib	251
100301	27.3	+50 03	8.3	K3V	320
+46°1734	27.5	+46 37	11.1	G9III	320
100324	27.5	-67 30	8.5	B3Ve	495
100335	27.6	-60 18	7.9	B6III:	133
100363	27.8	-11 29	8.3	F2V	253 658
100381	27.9	-60 11	8.7	B2V	133
100386	28.0	+47 10	9.8	G8IV	320
+46°1735	28.1	+46 15	10.5	K0III	320
100407	28.1	-31 18	3.7	G7III	645
+48°1955	28.5	+48 21	10.3	K1III	320
+45°1940	28.5	+45 17	10.2	G6III	320
100470	28.6	+37 23	6.3	K0III	253 469 475
+2°2446	28.6	+02 18	9.5	B2	6 308
+48°1956	28.7	+48 06	11.5	K2III	320
100518	29.0	+11 35	6.5	A5V	194
100548	29.2	+49 04	8.8	G8III	320
100551	29.2	-12 19	8.1	F5V	38
+28°1178	29.3	+28 19	9.6	F2V	557
+50°1838	29.4	+50 10	10.2	G6IV	320
100576	29.4	+47 09	9.7	K0III	320
100597	29.5	+49 38	8.9	K2III	320
100600	29.5	+17 21	5.8	B3V	50 729
				B5V	44
100623	29.6	-32 18	6.0	K0V	457 677 705
+49°2070	29.9	+49 01	11.3	G8III	320
100643	29.9	+31 03	7.4	K0IV	557
+30°2175	29.9	+29 58	9.8	G0V	557
100655	29.9	+20 59	6.4	G9III	117 714
100673	30.0	-53 42	4.8	B8,5V	640 705
				B9V	481
+49°2072	30.1	+48 52	11.4	G6III	320
+47°1886	30.2	+47 39	11.5	K1III	320
100696	30.2	+69 53	5.4	K0III	53 101 106 469 475 479 535 714
100733	30.4	-46 49	5.6	M3III	457 459 471 509 705 714
100738	30.5	+66 54	8.1	F5IV	38
100740	30.6	+11 28	6.4	A4III	194
100764	30.7	-14 02	9.0	R0(CO_2)	1
				B2	6 308
100773	30.7	-60 20	6.6	F2IV	457 705
100775	30.8	+28 28	8.4	F8V	557
+47°1888	30.9	+47 12	11.0	A(m?)	559
100796	30.9	+31 16	8.6	G0V	557
100826	31.1	-60 44	6.2	A0I	753
100841	31.2	-62 28	3.2	B9II:	456 481 641
				B9III	439 440 444 640 705
+50°1841	31.6	+50 26	12.3	G9III	320
100889	31.6	-09 15	4.8	B9n	705
				B9V	81 645
100901	31.6	-72 17	6.5	K1IV	465 471 705
+48°1958	31.8	+48 00	8.4	K4V	320
100920	31.8	-00 16	4.5	G9III	53 106 645 705 714
100929	31.8	-60 30	5.7	B3IV	456 476 705
				B3V	753
100943	31.9	-61 06	7.0	B5I	133 495 692 753
				B5Ia	251 596
100947	32.0	+28 19	9.1	K1III	659
				G8III	557
+44°2109	32.1	+44 29	10.0	K0III	320
+50°1843	32.2	+49 49	11.1	K1III	320
100993	32.3	+25 58	8.1	F8V	659
101008	32.3	-62 50	9.1	O9V	133
101014	32.4	+40 42	9.3	G6III	320
101021	32.4	-60 44	5.2	K1III	457
+42°2230	32.5	+42 23	10.4	G6V	320
101025	32.5	+22 15	8.2	F2IV	38
	32.5	+49 15	12.3	M2III	317 320
	32.6	+47 30	11.8	M4III	317 320

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	11h				
101084	32.8	-62 47	9.0	B1V	133 765 sb
101093	32.8	-01 03	7.6	F9V	253
+47°1893	32.9	+47 04	11.2	K1III	320
+40°2446	32.9	+40 30	9.4	G7III	320
101105	32.9	-60 56	6.7	B2V:n	496 705
				B5I?	753
101112	33.0	+09 26	6.6	K1III	117
+41°2216	33.1	+41 17	10.3	G5III	320
101131	33.1	-62 46	7.2	O7nk	496 705
				O8	133
101132	33.1	-75 21	5.7	F2III	645
				F2III-IV	705 713 714
+44°2113	33.4	+43 47	10.9	K0III	320
+30°2180	33,4	+30 18	9.3	F5III	557
+25°2399	33.4	+25 35	11.7	A0p	224
101177	33.5	+45 40	6.3	K3V	652 sb
101178	33.5	+39 45	7.4	M1III	38
101189	33.5	-61 16	5.2	B9IV	481
101190	33.5	-62 38	7.4	O7	133
101191	33.5	-62 50	8.6	O8	133
+45°1948	33.6	+45 38	10.4	G8III	320
+41°2217	33.6	+41 36	10.3	G8III	320
101205	33.6	-62 49	6.9	O8	133 642 v
101206	33.7	+42 52	8.4	K0V	320
				K5V	652
+41°2220	33.8	+41 15	10.6	G7IV	320
+42°2232	33.9	+42 28	10.2	K0III	320
101266	34.0	-44 48	9.3	G5IV	465 705
101289	34.3	+25 52	8.5	G0V	659
101300	34.4	+45 05	8.2	G8III	320
+43°2138	34.4	+42 47	11.2	G5III	320
101301	34.4	+19 33	8.9	F0III	
				+F0III-IV	108 113 vb
101332	34.5	-62 22	7.5	B0,5II	133
+28°2026	34.6	+28 42	9.5	F5V	320
+41°2221	34.6	+40 58	10.3	G6III	320
101349	34.6	-47 55	9.0	K0V	457 705
+46°1742	34.7	+46 07	10.8	K2III	320
101366	34.8	+42 36	8.8	M0III	317 320
+42°2234	34.9	+42 17	11.5	G7V	320
+42°2235	35.0	+42 13	11.7	G9III	320
+40°2449	35.0	+40 20	9.4	K1III	320
101396	35.0	+26 42	8.1	K1V	659
101408	35.0	-45 15	7.2	G8IV	457 471 705 714
+40°2450	35.2	+40 38	9.2	G9III	320
+50°1850	35.2	+50 01	10.9	G8III	320
+45°1954	35.5	+45 32	11.1	G7III	320
101484	35.6	+21 54	5.4	K0III	53 101 106 469 475
					479 535 714
101493	35.6	-42 36	8.6	F5V	465 705
101501	35.8	+34 46	5.3	G8V	47 65 101 106 145 59
					178 185 195 204 259
					287 340 341 342 469
					479 535 665 677 714
					725 726 758 71 475v
101545	35.9	-62 00	7.6	O9,5Ib	133
+43°2140	36.2	+43 27	10.1	G7V	320
101581	36.2	-43 51	7.8	K5V	457 677 705 714
101585	36.3	+44 45	9.0	M0III	317 320
+41°2224	36.3	+41 11	11.0	A(m?)	559
+45°1956	36.5	+44 45	10.9	G5V	320
+42°2237	36.5	+42 04	11.9	K2III	320
+38°2268	36.7	+37 54	9.1	K1III	320
101642	36.7	+26 29	8.0	F8V	38
101666	36.7	-31 57	5.3	K5III+F7V	391
+48°1961	36.8	+48 09	11.1	G9III	320
+42°2238	36.8	+42 05	11.5	K2III	320
101673	36.9	+67 18	5.5	K3III	53 101 106 469 475
					535 714
101675	36.9	+40 14	8.7	G5III	320
+38°2270	36.9	+37 47	9.2	G6V	320
+42°2240	37.0	+42 11	11.0	K1III	320
101687	37.0	+42 02	9.1	G7III	320
+37°2208	37.0	+37 18	8.9	G7III	320
101715	37.2	+47 04	9.5	G9III	320
+41°2226	37.2	+41 37	10.8	K3III	320

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	11h				
+40°2453	37.2	+40 09	9.0	G6III	320
+45°1958	37.3	+45 11	10.7	G7III	320
+40°2454	37.3	+40 14	9.4	G7III	320
101740	37.4	+50 30	8.0	G9III	320
101741	37.4	+41 27	8.8	K0III	320
+43°2142	37.7	+43 07	11.1	G5V	320
101794	37.7	-61 55	8.8	B1,5V	480
306962	37.8	-59 25	9.6	Bnnep	480
101805	37.8	-74 40	6.5	G1V	705 713 714
306922	37.9	-60 56	10.3	Bnne	480
+41°2228	38.0	+40 57	11.6	G7IV	320
101828	38.1	+82 53	7.8	G5II	38
+45°1959	38.1	+45 06	10.8	K0III	320
101838	38.1	-62 00	8.4	B1III	480 486 705
101853	38.3	+42 17	6.8	G9III	320
101854	38.3	+37 49	8.9	K1IV	320
101856	38.3	+28 07	8.2	K0III	659
+42°2242	38.5	+42 02	10.6	K0III	320
+45°1960	38.6	+45 44	11.1	K0III	320
101906	38.6	+24 33	7.5	G2V	659
+47°1899	38.7	+47 00	11.2	K2V	320
101918	38.7	+40 37	8.9	K4IV	320
+40°2458	38.8	+39 49	9.5	G8III	320
101947	38.8	-61 56	5.2	G0Ia	303 358 404
101953	38.9	+30 08	8.0	A(m?)	559
101964	38.9	-61 58	8.3	B0,5III	480 495
101969	39.0	-04 15	8.1	F4V	38
+47°1900	39.1	+47 09	11.5	K2IV	320
101978	39.1	+39 03	8.2	K2IV	320
101979	39.1	+38 05	8.8	K0III	320
101998	39.2	+49 04	7.8	K2V	320
+36°2213	39.4	+36 20	9.3	G8IV	320
+35°2277	39.4	+34 48	8.8	G8III	320
+35°2278	39.6	+35 34	9.5	G8III	320
102056	39.6	+29 43	7.0	A(m?)	559
+42°2244	39.7	+42 06	12.2	K0III	320
+31°2291	39.7	+31 19	9.0	K0III	320
102070	39.7	-17 48	4.9	G5III	474 27
				G8III	53 106 287 645 705
					714
102079	39.8	+38 53	8.8	G5V	320
+73°533	39.8	+72 48	10.8	A5+gK2	534 sb
				A5V	104
+37°2211	39.9	+37 34	9.1	G8III	320
+42°2245	40.0	+41 46	11.0	G8III	320
+41°2229	40.0	+41 21	10.4	G8III	320
+49°2081	40.2	+48 52	11.0	G8III	320
+36°2215	40.3	+35 50	9.3	K1III	320
102142	40.3	+27 46	7.3	G5V	659
102158	40.3	+48 14	8:0	G2V	253 296 714
+40°2460	40.3	+39 47	9.4	K0III	320
+50°1856	40.4	+50 25	10.4	G6III	320
102159	40.4	+36 26	8.6	M4III	2 v
				M5III	317 320 765
				M6III	38
102160	40.4	+31 02	7.8	K0III	320
102161	40.4	+25 41	8.3	G0V	659
102165	40.4	-20 55	7.6	F7IV	38
+43°3697	40.6	+43 40	10.0	F0V	560
+41°2230	40.7	+41 04	12.0	K2IV	320
102208	40.7	+36 51	8.4	G8III	320
+29°2210	40.7	+29 14	8.5	G9III	320
+27°2051	40.7	+26 58	9.2	G8III	320
102212	40.7	+07 05	4.0	M0III	253 472 714
				M1III	131 178 646 665
102224	40.8	+48 20	3.8	K0III	53 101 106 259 320
					469 475 479 535 714
				K2III	758
102226	40.8	+39 57	8.2	K2III	320
+27°2053	40.8	+27 24	9.1	K0III	320
+44°2124	40.9	+44 30	10.6	G9IV	320
102242	40.9	+39 59	8.7	G7III	320
+40°2464	40.9	+39 53	9.3	G5III	320
+33°2151	40.9	+33 31	11.5	M6III	317 320
102249	40.9	-66 10	3.7	A7II-III	456 714
				A7V	710

HD or D	1900 11h		m	Sp	Bibliography
				A5V	287 439 640 641 645 705 714
+33°2152	41.1	+33 36	9.1	06III	320
+32°2187	41.2	+32 38	9.9	06III	320
+31°1696	41.4	+37 27	9.5	08V	253
+48°1967	41.5	+48 27	10.6	B0V	320
+46°1765	41.5	+45 47	10.8	06III	320
+43°2247	41.5	+42 55	11.2	06V	320
+40°2465	41.5	+40 38	9.1	07III	320
102326	41.6	+77 36	8.8	O8IV-V	253 471
+40°2471	41.6	+40 22	9.4	B0III	320
102328	41.6	+56 11	5.4	K3III	53 101 106 469 475 714
+43°2148	41.6	+43 37	10.7	08III	320
+37°2213	41.6	+36 51	9.1	B0III	320
+31°2298	41.6	+31 10	8.9	B0III	320
+49°2083	41.7	+49 38	10.5	K1III	320
+40°2464	41.7	+40 07	9.0	B0III	320
+33°2153	41.7	+33 35	9.3	B0III	320
+37°2094	41.7	+37 36	9.2	08III	320
+27°2055	41.7	+27 35	8.7	K3V	320
102350	41.7	-60 37	4.1	B0II	640 641 645 714
				O3III	457 705 714
102365	41.7	-39 57	4.9	O5V	457 459 677 705 714
+39°2468	41.9	+39 24	9.4	08III	320
+28°2042	41.9	+28 45	8.9	08III	320
+49°2085	42.0	+49 40	11.2	K2III	320
+49°2084	42.0	+49 07	11.0	B0III	320
+37°2214	42.0	+37 23	9.4	06III	320
+35°2280	42.0	+35 11	9.5	07III	528
+44°2126	42.1	+44 03	10.0	B6III	317 320 v
+43°2149	42.1	+42 57	10.4	B6III	317 320
102404	42.1	+24 59	8.0	B0III	320
				K2III	659
+50°1860	42.2	+50 21	10.8	09IV	320
+50°1859	42.2	+50 08	12.1	B0V	320
+27°2057	42.2	+27 00	9.0	07III	320
102438	42.3	-29 43	6.6	O5V	465 705 714
+31°2301	42.5	+31 08	9.5	09III	320
102475	42.5	-61 52	8.4	B0.5II	480 495 692
102482	42.6	+46 14	8.2	08III	320
102493	42.7	+33 02	8.0	K2III	320
102494	42.7	+27 53	8.3	08III	320
				08IV	659
102508	42.8	+41 14	9.1	08III	320
102509	42.8	+20 46	4.5	A+B5III-IV	714 112 sb
+38°2278	43.0	+38 22	9.3	K1III	320
+44°2127	43.0	+44 00	10.9	B6V	320
+49°2086	43.1	+49 06	9.8	M2III	317 320
+47°1904	43.1	+46 46	10.2	07III	320
+43°2151	43.1	+43 04	10.7	B0III	320
+43°2152	43.2	+42 59	10.0	08III	320
+41°2233	43.2	+41 35	11.1	K1III	320
102567	43.2	-61 39	8.6	M1Vne	480 495
102570	43.3	+46 41	8.2	F3V	38
+32°2190	43.3	+32 26	9.2	B5III	320
102596	43.5	-47 00	9.4	K3III	465 705
+25°2423	43.6	+25 44	9.5	09III	320
+34°2259	43.7	+34 15	10.0	A(m?)	559
102620	43.7	-26 11	5.4	B4III	645
+45°1962	43.8	+45 33	10.4	09III	320
+39°2470	43.9	+39 12	8.9	K3IV	320
+38°2281	43.9	+38 34	9.4	07III	320
+32°2192	43.9	+32 00	9.1	B0III	320
+48°1971	44.0	+48 21	10.1	08III	320
102645	44.0	+37 40	8.2	B0III	320
102646	44.0	+28 41	7.4	09III	320
				B0III	659
102647	44.0	+15 08	2.2	A3V	22 30 65 71 78 81 82 94 131 180 194 287 288 299 439 444 449 472 529 596 640 641 665 677 714 725 734 758 v
102651	44.0	-08 34	7.5	B6III	38
102652	44.0	-12 04	8.3	F2IV	38
+29°2217	44.1	+29 06	9.5	08III	320
102660	44.1	+16 48	6.0	Am	336 955 629 714 194
+50°1863	44.2	+50 21	11.4	K2III	320
102673	44.2	+45 17	8.8	09III	320
102686	44.3	+30 03	7.6	B6pIII	38
				07III	320
102712	44.5	+45 05	9.5	K2III	320
+30°2195	44.5	+30 24	9.5	09III	320
+50°1864	44.6	+49 47	10.1	K2V	320
+38°2283	44.6	+38 27	9.2	B8V	320
+40°2470	44.7	+39 52	9.1	K3III	320
102769	44.8	+45 27	7.8	K1III	465 705
+44°2130	44.8	+44 16	11.1	K1III	320
102776	44.8	+63 14	4.5	B3V	719
				B3Vne	476 481
				B3:Vne	456
				B4V	753
				B5V	640 705 714
+33°2158	44.9	+32 52	9.5	07III	320
+32°2193	45.0	+32 38	9.4	06III	320
102807	45.1	+35 21	8.9	K1III	320
+43°2156	45.2	+43 26	11.5	B0III	320
102857	45.4	+44 13	8.2	06III	320
+42°2250	45.4	+42 16	11.1	K1III	320
+38°2284	45.4	+37 53	9.3	K1III	320
+41°2239	45.5	+41 20	10.5	K1III	320
102870	45.5	+08 20	3.8	F7V	665
				F8V	30 45 65 71 78 94 106 112 131 156 177 185 195 196 287 288 296 341 441 589 640 641 646 653 677 705 714 725 726 758 763
102878	45.5	-62 05	5.6	A2I	753
				A2Ia	481
102885	45.6	-12 18	7.3	K5III	38
+48°1973	45.8	+48 37	11.5	K3III	320
+37°2219	45.8	+37 27	9.0	B0III	320
102909	45.8	+34 10	7.2	B0III	320
+33°2219	45.9	+35 50	10.3	M1V	317 320
102928	45.9	-04 46	6.1	B0IV	645
+44°2135	46.0	+44 44	11.9	07III	320
102941	46.0	+37 23	7.8	B0III	320
102942/3	46.0	+33 56	6.1	Am	47 955
+41°2240	46.1	+41 10	11.5	08III	320
+33°2162	46.1	+33 45	9.0	08IV	320
+25°2426	46.1	+25 44	9.5	B0III	320
102964	46.1	-44 37	4.7	K4III	645
102987	46.3	+43 29	8.8	B0III	320
+37°2221	46.3	+37 25	9.3	09III	320
102997	46.3	-61 17	6.7	B3I	480 495 692
				B4La	133
				B5La	251 596 486 132
+45°1967	46.4	+44 57	11.3	06III	320
+35°2288	46.4	+35 44	9.4	07IV	320
+29°2222	46.5	+29 36	9.5	B0III	320
103026	46.6	-30 16	6.0	O5	705
+44°2138	46.7	+44 09	10.6	08III	320
+35°2289	46.7	+34 47	9.4	B0III	320
103036	46.7	-05 12	10.0	B3pIb	160 716 766 v
+48°1978	46.8	+48 38	9.7	B0V	320
+46°1752	46.8	+46 11	10.3	B0III	320
+43°2160	46.8	+42 59	10.8	B0III	320
+37°2223	46.8	+37 20	9.4	06III	320
103046/7	46.8	+09 23	8.7	B0III-IV	313
				+B6V	sb
103069	47.0	+58 30	7.1	B0III	320
+49°2089	47.0	+48 47	10.1	B0III	320
103070	47.0	+34 24	8.9	B0III	320
103079	47.0	-64 39	5.1	B4IV	175 456
				B5V	640
103082	47.1	+44 47	9.0	06III	320
+31°2303	47.1	+31 17	9.1	06III	320
+25°2427	47.1	+25 01	9.4	B0III	320
+31°2305	47.1	+31 27	9.7	B5III	320

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	11h				
103095	47.2	+38 26	6.5	G5V	320
				G7V+	62
				G8V	758
				G8Vp	65 71 94 131 156 177 287 288 341 479 653 665 714 725
				G8VI	185 253 296 462 469 475 677
+26°2263	47.4	+26 44	9.4	K0III	320
103140	47.5	+40 41	8.3	K0III	320
+31°2306	47.5	+30 47	8.5	G6III	320
103146	47.5	-60 58	8.3	B1III:	495 692 v
+44°2139	47.6	+44 10	10.3	K0III	320
+35°2290	47.6	+34 52	9.4	G6V	320
103151	47.6	+28 45	9.7	K2III	320
+50°1872	47.7	+49 57	9.2	K2III	320
+44°2140	47.7	+44 09	11.3	G9III	320
+42°2252	47.7	+41 58	10.4	G7III	320
+41°2243	47.8	+40 45	11.3	G8III	320
+38°2286	47.8	+38 07	9.3	K0III	320
103192	47.8	-33 21	4.4	B9IV	640 705
+50°1873	47.9	+50 34	10.6	G8V	320
+35°2291	47.9	+35 25	9.5	K2III	320
+46°1754	48.0	+45 52	10.8	G8III	320
+27°2065	48.0	+27 17	9.1	K4III	320
+27°2067	48.0	+27 17	9.1	G9III	320
+28°2056	48.1	+27 56	9.0	K0III	320
+37°2225	48.2	+37 18	8.3	K0III	320
+37°2224	48.2	+36 50	9.3	G8III	320
+34°2267	48.2	+34 16	9.4	K0III	320
+25°2429	48.2	+25 23	9.5	K1III	320
+47°1911	48.3	+47 09	11.9	K1III	320
+43°2164	48.3	+43 08	10.3	G8III	320
+42°2253	48.3	+42 08	10.4	K2III	320
+30°2200	48.3	+29 53	8.8	K0III	320
+48°1981	48.5	+47 58	11.0	G8III	320
+42°2254	48.5	+42 29	12.2	K4III	320
+37°2226	48.5	+37 22	9.4	K1III	320
103287	48.6	+54 15	2.5	A0V	22 27 33 65 71 81 94 126 131 172 177 185 222 224 287 289 299 305 458 472 474 483 528 529 666 714 732 758 sb
				A0Ve	734
+32°2199	48.6	+31 47	8.7	K2III	320
+31°2309	48.6	+30 49	9.5	K0IV	320
+49°2091	48.7	+48 51	11.9	K1III	320
103309	48.7	+41 28	6.7	K1III	320
+33°2165	48.7	+33 25	9.3	G8III	320
+32°2200	48.7	+32 14	9.4	G9III	320
103323	48.8	+45 13	10.2	G7V	320
103324	48.8	+40 10	8.2	G9III	320
+30°2201	48.8	+30 07	9.5	K2V	320
+32°2201	48.9	+32 18	9.1	K0III	320
	49.1	+41 20	12.3	M3III	317 320
+39°2476	49.1	+39 16	9.5	G8IV	320
103387	49.2	+46 40	10.5	K0III	320
103388	49.2	+45 46	10.5	G8III	320
+38°2289	49.2	+38 36	8.9	G9III	320
103405	49.3	+46 55	10.0	G6III	320
	49.3	+46 09	12.9	M3III	317 320
103406	49.3	+43 44	9.5	G9III	320
+34°2269	49.3	+34 34	9.5	G7III	320
+33°2166	49.3	+33 01	9.4	K0III	320
+16°2316	49.3	+16 04	10.2	M0V	423
+32°2203	49.4	+32 12	9.5	K1III	320
103430	49.5	+49 28	7.4	G9III	320
+26°2267	49.5	+26 21	9.1	G8III	320
+29°2228	49.7	+29 20	11.6	M0V	317 320
+26°2268	49.8	+26 20	8.8	K0III	320
+39°2477	49.9	+38 52	9.4	G7III	320
+38°2290	49.9	+38 19	9.4	G6III	320
103499	50.0	+45 38	10.5	G8III	320
+33°2168	50.0	+32 57	9.5	K0III	320
103500	50.2	+37 20	7.6	M0III	317 320
103516	50.0	-62 43	6.0	A2I	753
103519	50.1	+44 34	10.5	K3III	320
103520	50.1	+39 19	7.1	K0III	320
+29°2229	50.1	+29 05	9.0	K2III	320
+40°2477	50.3	+40 23	9.1	G8III	320
103542	50.3	+35 04	8.6	G8III	320
103543	50.3	+26 05	8.2	K1III	320
+33°2170	50.4	+32 59	9.5	K0III	320
+49°2094	50.5	+48 48	11.0	G9III	320
103578	50.5	+16 12	5.5	A3V	194 714 sb
	50.5	+13 08	11.3	R5	6
+29°2230	50.6	+29 03	9.5	G9III	320
+36°2222	50.7	+36 00	9.1	K4III	320
+29°2231	50.7	+29 00	9.1	G7III	320
+43°2167	50.8	+42 50	11.0	K0III	320
103612	50.8	+41 12	7.0	K0III	320
+32°2205	50.8	+31 46	8.7	K2III	320
103614	50.8	+26 03	9.0	F6V	659
+45°1975	50.9	+45 37	12.2	K0III	320
+40°2478	50.9	+39 51	9.5	K3III	320
103628	50.9	+22 34	8.0	F7IV	38
103632	50.9	-16 36	5.2	A0V	645 v
103644	51.0	+36 49	8.2	K1III	320
+36°2224	51.0	+36 34	9.3	K0III	320
+29°2233	51.0	+29 00	9.3	K0III	320
103660	51.1	+29 25	7.5	K0III	320
+31°2312	51.2	+31 11	9.5	G8V	320
103681	51.3	+58 26	6.6	M5III	2 v
				M5eIII	259
				M7II-III	765
103683	51.3	+42 35	7.2	K0III	320
103684	51.3	+35 28	7.5	K1III	320
+25°2436	51.3	+25 32	9.0	G7III	320
103691	51.4	+47 14	8.6	K0IV	320
103692	51.4	+46 24	9.2	G6IV	320
103706	51.5	+45 57	9.2	G5IV	320
103707	51.5	+41 36	8.8	K0III	320
+31°2313	51.5	+31 18	9.3	G9III	320
+28°2062	51.5	+28 38	9.3	K1III	320
103719	51.6	+32 46	8.2	K1III	320
+50°1875	51.7	+50 03	9.0	G9III	320
103736	51.7	+62 06	6.3	G8III	117 714
+49°2096	51.7	+49 11	11.0	K1III	320
103746	51.7	-46 31	6.4	F3IV-V	457 705
+40°2481	51.8	+40 11	9.5	G9III	320
103768	51.9	+48 21	8.4	G7III	320
103769	51.9	+41 56	8.8	G8III	320
103770	51.9	+40 50	7.2	K0III	320
+37°2232	51.9	+36 55	9.3	G6V	320
103779	51.9	-62 41	7.3	B0,5Ib	132
103780	52.0	+33 55	9.3	K1III	320
103781	52.0	+27 43	9.8	G9III	320
103795	52.1	+47 07	9.1	K2III	320
103796	52.2	+45 35	10.3	M2III	317 320
103797	52.1	+45 20	9.5	K2III	320
+39°2480	52.1	+39 21	9.0	G8III	320
103811	52.2	+43 55	9.1	K1III	320
+36°2228	52.2	+36 25	9.4	K3V	320
103813	52.2	+27 19	8.2	G9IV	320
+26°2276	52.2	+25 47	9.4	G6III	320
+30°2205	52.3	+29 49	8.7	K3III	320
103845	52.4	+48 20	8.3	K0III	320
+26°2277	52.6	+26 23	9.4	K1III	320
+44°2235	52.6	+44 33	11.4	K0III	320
103884	52.6	-61 53	5.7	B3V	175 456 476 481 705
				B5V	753
103904	52.8	+46 05	9.0	G9III	320
+50°1877	52.9	+50 28	10.4	K0III	320
103912	52.9	+48 46	8.2	G5V	320
103932	53.0	-27 07	7.1	K5V	457 677 705 714
+33°2175	53.1	+32 53	8.8	G5III	320
+29°2240	53.1	+29 33	9.5	G8III	320
+29°2239	53.1	+29 10	9.5	K1III	320
103953	53.2	+62 02	6.6	K0III	117
103964	53.3	+46 47	9.5	K3III	320
	53.3	+38 24	12.6	M2III	317

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	11h				
103965	53.3	+32 28	8.3	G9III	320
103966	53.3	+27 24	8.4	A(m?)	559
103975	53.3	-47 25	6.9	GOV	457 705 714
103985	53.4	+40 45	8.1	K3III	320
+34°2276	53.4	+33 47	9.4	G5III	320
104006	53.5	-41 21	9.5	KlV	705 713
	53.5	+60 22	10.7	MOV	423
104017	53.6	+38 26	8.0	KlIII	320
+31°2316	53.6	+31 43	8.7	K2III	320
+26°2279	53.7	+26 41	9.5	G8III	320
+29°2241	53.8	+29 34	9.2	G7III	320
+50°1878	53.9	+49 49	11.1	KOIII	320
104052	53.9	+45 23	10.2	G8III	320
+37°2234	53.9	+37 28	9.5	KOIV	320
+27°2078	53.9	+27 04	9.3	G8III	320
+48°1990	54.0	+48 33	11.0	G9III	320
+37°2235	54.0	+37 36	9.5	G5V	320
104075	54.1	+33 43	6.0	KOIII	320
+29°2242	54.1	+29 19	8.6	G9III	320
104076	54.1	+25 12	8.2	GOV	659
+41°2262	54.3	+41 43	11.1	KOIII	320
+33°2177	54.3	+33 08	9.5	KOIII	320
+47°1920	54.4	+47 25	10.3	G7V	320
+40°2487	54.5	+40 39	9.5	G9III	320
104120	54.5	+40 32	8.8	KlIII	320
+38°2295	54.5	+38 16	9.2	G6III	320
+28°2066	54.5	+28 15	9.2	G9III	320
+34°2278	54.6	+34 30	9.0	G8III	320
	54.7	+31 06	9.5	G9III	320
+29°2243	54.7	+29 08	9.1	G9III	320
104174	54.7	-77 40	5.0	B9Vn	481
104178	54.8	+43 54	8.2	KOIII	320
+28°2068	54.8	+28 41	9.0	G8III	320
104200	54.9	-55 44	7.7	BO,5V	495
				B1III	251
104203	55.0	+40 51	9.1	G6III	320
104216	55.1	+81 25	6.4	M2III	253
+50°1880	55.1	+49 46	11.4	G9III	320
+37°2239	55.1	+37 17	8.3	K2IV	320
+26°2283	55.1	+26 29	9.5	G8III	320
104241	55.2	+45 11	7.5	A(m?)	559
+49°2102	55.3	+49 42	10.9	KOIII	320
+27°2083	55.4	+26 46	9.5	G8IV	320
+49°2103	55.5	+49 43	11.1	K2IV	320
+44°2147	55.5	+44 29	11.9	KOIII	320
104302	55.6	+45 32	10.0	KOIII	320
+32°2211	55.6	+32 26	9.2	G8III	320
+26°2284	55.6	+26 01	9.5	G6III	320
104321	55.7	+07 10	4.6	A3V	640 641 sb
				A4V	112
104337	55.7	-19 06	5.3	B1,5V	105 251 729 sb
+33°2182	55.9	+33 17	9.5	G8V	320
104349	55.9	+28 32	8.6	KlIII	320
104361	55.9	-55 32	6.8	B1II	132
+35°2300	56.0	+35 31	9.0	K2III	320
+35°2299	56.0	+35 04	9.4	G8III	320
+29°2246	56.1	+29 19	9.1	G9III	320
+50°1882	56.2	+49 56	11.5	G8III	320
104391	56.2	+44 08	9.5	G9III	320
+44°2150	56.2	+44 04	11.1	G8III	320
+39°2484	56.2	+38 54	9.3	KOIII	320
104392	56.2	+24 47	8.3	K2III	659
+47°1921	56.3	+47 34	11.1	G9III	320
104405	56.3	+46 24	9.7	G9III	320
+42°2264	56.3	+41 46	11.8	G6III	320
104406	56.3	+26 16	8.7	KOIII	320
104415	56.3	-20 58	8.3	F6V	38
+49°2106	56.4	+49 00	11.1	G9III	320
104437	56.5	+40 08	8.6	G5IV	320
104438	56.5	+36 36	5.6	KOIII	320
+39°2485	56.7	+39 34	9.3	K2III	320
+41°2264	56.8	+41 19	11.5	G7IV	320
+28°2070	56.8	+28 19	9.5	G6III	320
104495	56.9	+32 53	8.9	KOIV	320
+28°2071	57.0	+27 45	9.5	G8III	320
+40°2492	57.1	+40 27	9.4	G9III	320
104526	57.2	+43 42	8.4	KOV	320
+40°2491	57.2	+40 08	11.1	M5III	317 320
+40°2493	57.2	+40 05	9.2	G8III	320
104556	57.4	+43 40	6.8	G8V	253 296 320 469 475 714
+35°2303	57.4	+34 57	9.4	KOIII	320
104572	57.5	+43 52	9.2	K2III	320
+36°2231	57.5	+36 41	9.4	G8III	320
+33°2186	57.6	+33 42	9.5	KOV	320
104589	57.6	+25 54	8.1	KOIII	320
				KlIII	659
104590	57.6	+25 00	7.9	KOIII	320
				K2III	659
+42°2266	57.7	+41 47	10.8	K3III	320
+27°2085	57.7	+27 18	9.5	G6III	320
+27°2088	57.8	+27 02	9.5	KOIII	320
104631	57.8	-61 36	7.2	B1II	251 486 132
104635	57.9	+43 48	8.2	G8III	320
+37°2243	58.0	+37 03	9.5	G8IV	320
+35°2305	58.0	+35 35	9.5	G9III	320
104671	58.0	-62 45	4.5	Ap	456 705 714
				Am	422 sb
+48°1994	58.1	+48 24	10.0	K2V	320
233895	58.1	+49 57	9.2	KOIII	320
104674	58.1	+47 42	8.2	KOIII	320
+44°2154	58.1	+44 19	11.1	KlIII	320
104675	58.1	+37 17	9.2	K2III	320
+30°2214	58.1	+30 06	9.2	G6III	320
+29°2250	58.1	+29 35	9.4	G8V	320
+41°2266	58.2	+40 56	11.8	KlIII	320
104688	58.2	+29 41	8.5	K3IV	320
+71°600	58.3	+70 39	10.3	B2	308
+50°1888	58.3	+49 49	11.3	G7IV	320
104705	58.3	-62 08	7.9	BOV:	495
				BO,5III	132 251
+41°2267	58.4	+41 27	12.3	G8IV	320
104710	58.4	+30 14	9.0	M2III	317 320
+32°2215	58.5	+32 43	9.3	G6III	320
+28°2072	58.5	+28 26	9.5	G8III	320
104731	58.5	-41 52	5.3	F4V	645
+43°2183	58.7	+43 11	12.0	KOIII	320
+42°2268	58.8	+42 36	11.5	G7III	320
+28°2073	58.8	+28 39	9.2	K2III	320
+39°2488	58.9	+38 45	9.1	K2III	320
104784	58.9	+25 30	8.0	F8V	659
+37°2245	59.0	+37 41	9.0	KlIII	320
104800	59.0	+03 55	9.3	GOV	253 296
104813	59.1	+45 00	8.2	KOIII	320
+38°2298	59.1	+38 04	9.2	K2IV	320
104817	59.1	+02 01	7.6	Am	253 555 658
+34°2282	59.2	+34 10	9.4	KlIII	320
+27°2090	59.2	+27 34	9.3	KlIII	320
104827	59.2	+22 01	5.8	Am	555 sb vb
				B2IV	719
				FOIV-V	
				+FOIV-V	108 251 113
104841	59.2	-62 36	5.0	B2III	753 sb v
				B2IV	456 705
				B3IV	481
104844	59.3	+44 29		G5V	320
104845	59.3	+36 54	8.6	KOIII	320
+44°2155	59.4	+44 07	12.0	G6V	320
+36°2234	59.4	+36 17	9.4	KOIII	320
+39°2489	59.5	+39 13	8.9	G9III	320
104862	59.5	+36 07	7.5	KOIII	320
+31°2326	59.5	+31 41	9.1	KOIII	320
104878	59.5	-67 46	5.4	AOV	481 sb
				AOV+B	476 705
+35°2310	59.7	+35 11	9.5	KlV	320
+35°2309	59.7	+34 51	9.3	G6III	320
104906	59.7	+33 24	8.6	KOIII	320
+36°2236	59.8	+36 13	9.0	K2III	320
+32°2217	59.8	+31 54	10.5	Am	224 559
+45°1993	59.9	+45 37	11.9	KOIII	320
+42°2270	59.9	+42 12	11.3	KlIII	320

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
+50°1889	00.0	+50 05	11.6	K3V	320
104955	00.0	+47 57	8.6	G7III	320
104974	00.1	+49 09	8.8	G8III	320
104979	00.1	+09 17	4.2	G8III	53 101 106 203 299 469 475 479 535 714
104985	00.2	+77 28	6.0	G9III	62
				K0III-IV	253 714
104986	00.2	+74 00	7.6	G9III	38
+40°2496	00.2	+40 44	9.1	G9III	320
104988	00.2	-00 58	8.4	G8V	253 459 714
104994	00.2	-61 29	10.1	WN4p	321
104998	00.3	+31 46	8.1	K0III	320
+33°2191	00.4	+32 56	9.1	G7III	320
105020	00.4	+29 04	8.0	K2III	320
				K3III	659
105028	00.5	+69 21	7.6	K0III+G0V	313 sb
105031	00.5	+52 29	7.0	G8III+F0III	313 sb
105033	00.5	+43 44	8.2	K1III	320
+32°2219	00.5	+32 33	8.9	G7IV	320
105043	00.6	+63 30	6.2	K2III	253 469 475 714
+42°2272	00.6	+42 02	11.6	G8III	320
+37°2247	00.6	+36 50	9.4	K1III	320
105056	00.6	-69 01	7.1	B0I:pe	251
+40°2497	00.8	+40 25	9.4	G9III	320
+27°2094	00.8	+27 15	8.8	G9III	320
105074	00.8	+26 14	9.2	G9IV	320
+48°1999	00.9	+47 50	10.2	G8III	320
+39°2493	01.0	+39 22	8.5	G6IV	320
+35°2311	01.0	+34 56	9.3	G8III	320
105100	01.0	+32 43	8.6	G7III	320
105102	01.0	+26 19	8.3	K1III	320
+39°2487	01.1	+39 19	9.5	G5III	320
+37°2248	01.1	+36 46	9.4	G8III	320
105140	01.2	+46 51	7.6	K4IV	320
+32°2222	01.2	+32 05	9.5	G9III	320
+35°2312	01.4	+35 40	9.5	G6III	320
+47°1927	01.6	+46 59	11.6	K2III	320
105181	01.6	+34 07	8.2	K4III	320
105182	01.6	+30 03	8.5	K3III	320
+25°2459	01.6	+25 15	9.0	G5III	320
105187	01.6	-08 51	8.1	F7V	38
105211	01.7	-64 03	4.3	F0III	456 705 714
105215	01.8	+48 27	8.0	K2III	320
+36°2238	01.8	+36 38	9.3	K0III	320
105216	01.8	+33 59	8.3	K5III	320
+35°2313	01.9	+34 54	8.9	G5V	320
+28°2079	01.9	+28 21	9.3	G7III	320
+27°2096	01.9	+27 34	9.3	G6III	320
+27°2097	01.9	+27 27	9.5	G7III	320
+49°2112	02.0	+49 06	10.3	K4IV	320
+32°2223	02.0	+32 34	9.1	K1III	320
105259	02.1	+47 52	8.0	K4III	320
+32°2224	02.1	+32 44	9.5	K2III	320
105266	02.1	-06 12	7.0	M5III	2 765 v
105281	02.2	-10 70	8.1	Am	253 555
105288	02.3	+43 38	8.1	G9III	320
+40°2498	02.3	+39 47	9.1	G5V	320
+46°1771	02.4	+46 31	11.4	G8III	320
105302	02.4	+34 16	9.0	K0III	320
+49°2113	02.5	+48 47	11.1	G8III	320
105319	02.5	+42 38	7.7	K4III	320
+26°2304	02.5	+26 27	9.3	K2III	320
+40°2499	02.6	+40 44	9.5	K1III	320
+28°2081	02.6	+27 51	9.4	G5III	320
105341	02.7	+30 58	8.0	K3III	320
+27°2099	02.7	+27 42	9.4	K0III	320
+37°2252	02.8	+37 36	9.2	K0III	320
+26°2306	02.8	+26 29	9.5	G9III	320
105368	02.9	+43 20	9.1	K2IV	320
105382	02.9	-50 06	4.8	B5IV	287 640 705
				B6III	476 481
				B6III-IV	175 456 719
+34°2289	03.0	+34 36	9.5	G9III	320
105416	03.1	-48 08	5.6	A1V	476 481 705
+35°2314	03.1	+35 17	9.5	G7III	320
105424	03.2	+30 49	7.8	K3IV	320

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
105435	03.2	-50 10	8.8	B2Ve	439 444 640 645 v
				B2Vpe	173
				B3V	719
				B3Vne	175 456 476 641
105452	03.3	-24 10	4.2	F2IV	287 474 640 665 705 714 (F2V:27)
105459	03.4	+28 44	9.6	G5III	320
+25°2465	03.4	+25 21	8.5	K0III	320
105474	03.5	+44 57	8.2	K0III	320
+41°2274	03.5	+41 13	10.4	G8III	320
105475	03.5	+27 03	7.2	K0III	320
105486	03.6	+43 31	9.5	G9III	320
105509	03.7	-43 46	5.9	A3III	481
105516	03.8	+38 24	8.8	K1III	320
+25°2466	03.8	+25 17	8.9	K0III	320
105525	03.9	+49 45	7.6	K0III	320
+40°2503	03.9	+40 26	8.9	G9III	320
+22°2442	03.9	+22 21	9.5	G2V	253 658
+36°2241	04.1	+36 39	9.5	K0III	320
+31°2335	04.1	+31 35	8.8	G6V	320
+27°2101	04.1	+27 18	9.5	K2III	320
105548	04.1	+17 45	7.4	M1III	38
105580	04.2	-59 12	7.0	B6V	481
105586	04.3	+30 01	7.8	G9III	320
+26°2310	04.3	+26 31	9.5	G5V	320
105617	04.5	+46 24	9.7	K0III	320
105627	04.5	-62 01	8.0	O9V	495 692
105631	04.6	+40 48	7.4	G7V	320
105632	04.6	+33 39	8.2	K1III	320
+29°2259	04.7	+29 29	9.0	K0III	320
+50°1893	04.7	+50 06	11.4	K2V	320
105663	04.8	+39 59	8.2	K4IV	320
105679	04.9	+42 51	8.0	G7V	38
+26°2311	05.0	+26 27	8.6	K4III	320
105702	05.0	+06 22	5.7	Am	47 223 555
	05.0	+05 59		M0V	692 vb
105707	05.0	-22 04	3.2	K2III	641 705 714 758 v
				K3III	645
105721	05.1	+43 28	10.0	G8III	320
+38°2306	05.1	+38 12	9.5	G8III	320
105730	05.1	-19 13	7.7	K5III	38
105739	05.2	+49 05	8.6	G8III	320
+26°2312	05.2	+25 47	9.1	K1V	320
+34°2294	05.3	+34 01	9.2	K0III	320
+29°2261	05.3	+28 53	10.8	M1III	317 320
+46°1774	05.4	+45 45	11.9	K0III	320
105771	05.4	+29 37	7.8	K0III	320 659
105778	05.4	+17 22	6.3	A2V	194 714
105791	05.6	+66 13	8.7	F8V	253
+30°2232	05.6	+30 33	9.5	K1III	320
+39°2499	05.7	+39 19	9.5	K0III	320
+37°2253	05.7	+37 43	9.1	G7III	320
+33°2196	05.7	+33 38	9.4	G8III	320
105805	05.7	+27 50	5.6	A2	287
				A3V	194
				A4V	59 214 289
105843	05.9	+33 33	9.0	K0III	320
+28°2085	05.9	+28 28	9.4	G9III	320
Z Cru	05.9	-63 54	10.8	N0	765 v
+48°2003	06.0	+48 11	10.6	G6III	320
	06.0	+41 36	11.9	M2V	317 320
	06.0	-61 56		WR	321
105880	06.1	+42 54	9.7	K3III	320
105898	06.2	+25 19	8.1	G2V	659
+36°2244	06.3	+36 09	9.3	K4III	320
105924	06.4	+44 17	9.1	K0III	320
105925	06.4	+44 07	8.9	G6V	320
+30°2235	06.4	+30 23	9.5	K0V	320
+30°2234	06.4	+30 15	9.4	G8III	320
105937	06.4	-51 48	4.2	B3V	640 705
				B4V	175 456 476 719
+48°2006	06.5	+48 17	10.6	G8III	320
105944	06.5	+44 49	10.1	G7III	320
+25°2472	06.5	+25 20	9.0	K0III	320
+30°2236	06.6	+30 19	9.5	G6III	320
105964	06.6	+26 17	8.9	G0V	659

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
105964	06.6	+26 17	8.9	G0V	659
105981	06.7	+26 25	5.8	K2V	320 sb
				K4III	652
105998	06.7	-58 14	9.2	G0p	765 sb
	06.8	+50 16	12.7	M4III	317 320
+41°2277	06.8	+41 24	10.9	G9III	320
106003	06.8	+39 20	8.3	G6III	320
106020	06.9	+44 16	10.2	K0III	320
	07.0	+45 34	12.7	M5III	317 320
	07.0	+40 31	13.0	M1V	317 320
106038	07.0	+13 50	9.3	F6V-VI	253
	07.0	+13 48	10.2	F2V-VI	462
+49°2122	07.1	+48 47	11.5	K0III	320
+35°2323	07.1	+35 43	9.5	G8V	320
+33°2201	07.1	+33 16	9.5	G8III	320
106068	07.1	-62 23	6.2	B9I	133 496 705
				B9Ia	251 486 596 646
+37°2254	07.2	+37 32	8.5	G8III	320
+33°2202	07.2	+33 39	9.5	G8III	320
+31°2338	07.2	+31 24	9.5	G7V	320
+47°1935	07.3	+47 06	11.1	G6III	320
+26°2318	07.3	+26 08	9.0	K0III	320
+36°2247	07.4	+35 52	9.3	K0III	320
106103	07.4	+27 56	8.0	F5V	59 289
+28°2088	07.4	+27 46	9.4	K0III	320
+26°2319	07.4	+25 50	9.4	K0III	320
106112	07.5	+78 10	5.1	Am	18 516 555 714 sb
	07.5	+40 14	12.9	M2V	317 320
+37°2255	07.5	+36 50	8.2	K3III	320
106116	07.5	-02 32	7.5	G4V	253 296 714
+34°2296	07.6	+34 22	9.4	G7V	320
106127	07.6	-01 55	7.4	K5III	38
+40°2509	07.7	+40 37	9.0	G8V	320
+40°2511	07.7	+39 57	9.1	K4III	320
+28°2089	07.8	+28 08	8.5	K1III	320
106156	07.8	+10 37	7.9	G8V	253
106171	07.9	+40 48	8.7	K2III	320
+30°2239	07.9	+30 23	9.4	K2III	320
106184	08.0	+29 11	7.7	K4III	320
				K5III	659
106210	08.1	+11 24	7.6	O3V	253 296
+35°2325	08.2	+35 29	11.6	M1III	317 320
+30°2240	08.2	+30 41	9.5	K0III	320
	08.3	+32 15	13.0	M0V	317 320
106238	08.3	+29 49	9.4	K1III	320
106251	08.4	+10 50	5.8	Am	516 555 714 194
+37°2256	08.5	+37 23	9.3	G7III	320
+27°2104	08.5	+27 42	11.2	M2III	317 320
+45°2004	08.6	+44 54	11.7	G8III	320
+42°2280	08.6	+41 57	12.3	K4III	320
+35°2326	08.6	+35 28	9.5	K1III	320
106278	08.6	+31 31	8.6	K0III	320
106279	08.6	+31 07	8.2	G8III	320
106325	08.8	-61 44	8.4	B1III	470 692 496
106329	08.9	+40 32	8.2	G9III	320
106330	08.9	+28 51	8.8	K4IV	320
106343	08.9	-63 51	6.1	B1e	705
				B2Ia	133 303 358 404 646
106344	08.9	-65 59	7.3	B5V	496 705
106348	09.0	+42 43	8.1	F4V	38
+37°2259	09.0	+37 30	9.4	K2III	320
+33°2204	09.0	+33 31	9.1	G6V	320
+30°2243	09.0	+30 20	9.5	G9IV	320
106362	09.0	-65 58	7.3	B1I	133
106364	09.1	+79 00	9.7	K2III+F9V	459 sb
106365	09.1	+33 20	6.8	K1III	320 vb
				K2III+F9V	253 313 509 714
106369	09.1	-08 01	9.2	K1III	320
+41°2281	09.2	+41 23	10.4	G6IV	320
+34°2298	09.2	+34 03	9.0	K0III	320
106383	09.2	+34 00	8.2	G7III	320
+32°2230	09.2	+31 47	9.5	G8III	320
106397	09.3	+43 58	8.8	K2III	320
+35°2327	09.3	+35 16	9.4	K0III	320
+34°2300	09.3	+34 05	9.4	G8III	320
106398	09.3	+27 03	8.4	G8III	320 659

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
106400	09.3	+12 23	9.7	K2V	629 sb
106420	09.4	+47 37	8.2	B7V	224
+32°2231	09.4	+31 47	9.5	K0III	320
+27°2106	09.4	+26 47	9.3	K0III	320
+49°2125	09.5	+48 52	11.7	K0V	320
106449	09.6	+39 54	7.2	K5IV	320
+47°1941	09.7	+47 35	9.8	K4IV	320
106463	09.7	+45 43	10.5	K0III	320
+30°2244	09.7	+30 33	9.4	K2III	320
+28°2092	09.7	+28 27	9.4	G6III	320
106479	09.8	+29 11	8.7	G9III	320
106490	09.8	-58 12	2.8	B2III	481 645 v
				B2IV	79 80 175 439 440 456 640 641 719
				B2V	175 448
+43°2200	09.9	+43 29	11.6	K1III	320
106516	10.0	-09 43	6.1	F5V	62 287
				F6V	185 253 296 714
+33°2208	10.1	+33 33	9.5	G8III	320
+42°2283	10.2	+42 36	11.6	G6III	320
+29°2270	10.2	+29 39	9.3	G9III	320
+49°2126	10.3	+49 17	11.8	M2V	317 320
106556	10.3	+47 40	7.3	K0III	320
+37°2261	10.3	+37 35	8.9	G9III	320
106577	10.4	+38 02	9.5	G9V	320
+36°2250	10.4	+36 07	8.6	K0III	320
+44°2174	10.5	+44 19	11.5	G8V	320
106591	10.5	+57 35	3.4	A3V	22 27 65 71 81 94 59 126 131 222 287 288 299 305 289 458 472 474 528 529 530 598 665 677 714 725 734 758 185 v
106592	10.5	+40 40	8.8	G9IV	320
+38°2317	10.5	+38 11	9.3	G8III	320
+47°1944	10.6	+47 31	11.1	G8III	320
+28°2094	10.6	+28 28	9.1	G9III	320
106618	10.7	+44 28	9.7	M2III	317 320
+36°2253	10.7	+36 01	9.5	K3III	320
+29°2271	10.7	+29 21	10.8	M3III	317 320
+27°2108	10.7	+26 51	8.9	K0III	320
106625	10.7	-16 59	2.8	B8III	78 94 287 458 483 508 641 645 646 705 734 sb v
				B8IV	456 584 714
				B8, 5III	439 444 640
106639	10.8	+43 17	10.0	G8III	320
106661	10.9	+15 27	5.1	A2V	194 sb?
+30°2387	11.0	+29 53	10.0	F3V	564
+49°2127	11.0	+48 57	12.0	K0III	320
+48°2009	11.0	+48 09	10.9	G8III	320
+47°1945	11.0	+47 41	10.1	G8III	320
+45°2011	11.0	+45 41	11.5	G8III	320
106690	11.1	+41 13	5.8	M1III	47 sb
				M1III+F7V	391
				K4IV	320
106691	11.1	+26 19	8.1	F2+V	59 289
106712	11.2	+42 27	8.8	M0III	317 320
+27°2109	11.2	+27 33	9.1	K1III	320
106714	11.3	+24 30	5.1	K0III	53 101 106 469 475 535 714
106760	11.5	+33 37	5.1	K1III	53 101 106 469 475 479 687 714
				K2III	320 sb
+30°2249	11.5	+30 16	9.4	G5III	320
+25°2478	11.5	+25 10	10.6	A0V	224
+28°2096	11.6	+28 13	9.1	G8III	320
+44°2176	11.6	+43 58	10.1	G9III	320
106783	11.7	+44 57	8.6	K4V	320
+38°2320	11.7	+38 11	9.0	K2III	320
+30°2251	11.7	+30 37	8.9	G8IV	320
+48°2011	11.8	+48 10	11.6	K0III	320
106802	11.8	+45 08	8.6	G8III	320
+27°2110	11.8	+26 48	9.5	G8III	320
+25°2479	11.8	+25 24	9.5	G8III	320
+45°2016	11.9	+45 39	10.6	K4III	320

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
106814	11.9	+28 18	9.7	M2III	317 320
+50°1904	12.0	+50 26	11.6	G8III	320
106842	12.1	+25 11	8.8	G8III	320
106851	12.2	+48 59	8.0	K1III	320
+40°2518	12.2	+40 24	8.9	G9V	320
106857	12.3	+29 17	8.8	F5V	659
106871	12.3	-57 36	8.7	B0IV	495 v
+33°2214	12.4	+33 00	9.5	G9III	320
106885	12.5	+44 34	8.3	K3III	320
+43°2205	12.5	+43 21	10.5	G9III	320
106886	12.5	+39 12	8.6	K0III	320
+36°2257	12.5	+36 05	8.5	K0III	320
+34°2304	12.5	+34 30	9.5	G8III	320
106887	12.5	+29 30	5.7	A4V	194 687
106911	12.5	-78 45	4.4	B5IV	440 640 705
				B6V	456 641 645 719
+45°2017	12.6	+45 16	10.6	G6III	320
+31°2347	12.6	+31 41	9.5	K0III	320
+31°2348	12.6	+30 56	9.5	K1III	320
+42°2290	12.7	+42 01	11.5	K0III	320
+45°2019	12.8	+45 37	11.0	K0III	320
106946	12.8	+26 08	8.4	F2V	59 289 455
+25°2483	12.8	+25 41	9.3	K5III	320
106947	12.8	+25 35	9.0	F7V	659
+37°2263	13.0	+37 27	9.4	K1III	320
+29°2277	13.0	+29 34	9.4	K0III	320
106975	13.0	-03 23	6.6	F3V+F5V	108 vb
106983	13.0	-63 26	4.3	B3IV	175 476 456 481 719
				B3V	440 640 705
+41°2285	13.1	+41 41	11.5	G9III	320
+33°2218	13.1	+33 01	9.5	G8III	320
+28°2101	13.2	+28 05	9.5	G7III	320
	13.3	+47 10	12.7	M3V	317
+31°2349	13.3	+31 28	9.5	K0III	320
107029	13.4	+42 35	8.4	K0III	320
+50°1908	13.5	+50 07	11.5	K2III	320
+45°2021	13.5	+44 54	10.9	K1III	320
+38°2322	13.5	+38 43	9.5	K1III	320
107067	13.6	+23 41	9.1	F8+V	59 289
107085	13.7	+41 29	8.4	G9III	320
+25°2485	13.8	+24 51	8.8	G7V	320
+27°2113	13.9	+26 53	9.5	K1V	320
107130	14.0	+43 39	8.2	G8III	320
+28°2103	14.0	+28 36	9.0	G5IV	320
107131	14.0	+26 34	6.4	Am	59 289 299 555
107132	14.0	+25 24	8.7	F7V	659 v
				G0V	59 289
107145	14.0	-76 14	7.4	F8V	705 713
+48°2013	14.2	+48 16	11.7	K2III	320
+47°1949	14.2	+46 47	9.8	G8III	320
+43°2208	14.2	+43 12	10.5	G6V	320
107158	14.2	+40 52	7.4	K0III	320
+38°2323	14.2	+37 58	9.4	K0III	320
107161	14.2	-08 22	7.0	K0III	645
+36°2259	14.3	+36 05	9.0	K1III	320
107168	14.3	+23 35	6.2	Am	59 289 299 555 714
107209	14.4	-62 18	6.9	A0I	496 705
107211	14.5	+40 11	8.2	G7III	320
107212	14.5	+30 44	8.8	G8III	320
107214	14.5	+24 50	9.5	G0V	59 289
+45°2022	14.6	+45 29	11.4	G6V	320
+30°2256	14.6	+30 23	9.5	K3III	320
+29°2279	14.6	+28 57	12.1	M2V	317 320
+50°1910	14.8	+50 17	11.3	K0III	320
+40°2525	14.8	+39 48	9.4	K1III	320
+39°2510	14.8	+38 56	9.4	K1III	320
+26°2327	14.8	+25 46	9.4	K1III	320
107259	14.8	-00 07	4.0	A0V	705 sb
				A2V	81 472 641 645 714
107274	14.9	+49 32	5.6	K4V	320
+49°2131	14.9	+49 24	10.5	G9III	320
107276	14.9	+29 01	6.5	Am	59 126 289 299 555
107286	15.0	+44 09	7.6	G8III	320
107287	15.0	+31 03	8.8	K1III	320
+31°2354	15.0	+30 49	9.5	G8III	320
+33°2223	15.1	+33 17	9.5	G7V	320

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
107325	15.3	+27 11	5.7	K1III	320 v
107328	15.3	+03 52	5.1	K0III	53 101 106 469 475
					479 535 v
				K1III	62 145 178 253 714
+42°2293	15.4	+42 30	12.0	K3III	320
107341	15.4	+38 28	6.7	K0III	320
				K1III+F9V	313 sb
+36°2261	15.4	+36 16	9.0	K2III	320
+42°2294	15.5	+42 04	11.9	G9III	320
107380	15.6	+43 58	8.2	K0IV	320
+39°2512	15.6	+39 39	9.4	G9III	320
107381	15.6	+34 49	9.3	K0III	320
+45°2027	15.7	+45 12	11.1	K0III	320
+39°2513	15.7	+38 53	9.3	K0III	320
107383	15.7	+18 21	4.9	G8III	53 101 106 469 475
					479 535 714
107397	15.7	+61 52	7.0	M2-M3eIII	765 v
				M3:III	2
				M3eIII	259
107399	15.7	+26 19	9.0	G0V	59 289
+35°2332	15.8	+35 33	8.7	K0III	320
107418	15.8	-13 00	5.4	K1III	53 106 714
+47°1952	15.9	+47 09	11.1	G8III	320
107427	15.9	+26 29	9.1	A3V	224
107452	16.0	-10 55	8.1	F0p	253 658
107467	16.1	+46 04	7.2	G8III	320
107468	16.1	+26 17	8.4	K0III	320
				K1III	659
107469	16.1	+25 35	7.4	G9III	320
+44°2183	16.2	+44 15	10.9	K0III	320
107484	16.2	+42 02	7.8	K2III	320
+40°2526	16.2	+40 04	8.8	K0III	320
+39°2514	16.2	+39 39	9.4	G8III	320
107485	16.2	+38 35	7.4	K0III	320
107486	16.2	+35 15	7.2	K1III	320
+44°2184	16.3	+44 36	11.6	K1IV	320
+39°2515	16.3	+39 09	9.5	K2III	320
107495	16.3	+32 39	9.0	K0III	320
+47°1953	16.4	+47 13	10.8	G9III	320
107513	16.4	+25 34	7.1	Am	59 289 555
+40°2527	16.6	+39 57	9.4	K0III	320
107566	16.6	-66 58	5.3	Am	555
+37°2267	16.7	+36 59	9.4	G7III	320
+31°2356	16.7	+30 58	9.5	G6III	320
107568	16.7	+27 10	8.2	G9III	320
107582	16.8	+62 19	8.0	G1V	38
				G2V	253
107583	16.8	+27 04	9.7	G0+V	59 289
+46°1779	16.9	+46 01	10.2	K0III	320
+40°2528	16.9	+39 57	9.4	G8V	320
107596	17.0	+42 42	8.4	M0V	317 320
107597	17.0	+41 16	7.9	G9III	320
+28°2108	17.0	+28 42	9.5	G8III	320
107610	17.0	+47 44	6.5	K1III	320
107611	17.0	+27 51	8.8	F6V	659
				F6+V	59 289
107612	17.0	+17 17	6.6	A2p	174 555
+44°2188	17.1	+43 57	11.6	G8III	320
107633	17.1	+34 49	8.9	G6V	320
107634	17.1	+33 39	7.9	K0III	320
+25°2497	17.1	+25 39	9.4	G6III	320
+32°2238	17.2	+32 38	9.1	G8III	320
107655	17.2	+25 19	6.0	A0V	194
				A(m?)	559
+42°2297	17.3	+42 21	11.9	K0III	320
+33°2227	17.4	+33 26	10.0	K0V	320
107685	17.4	+23 01	8.9	F5+V	59 289
107696	17.4	-57 07	5.6	B8Vp	476 481 705
+41°2291	17.5	+41 21	10.3	K0III	320
+39°2516	17.5	+39 16	9.4	G8III	320
+28°2110	17.5	+28 12	10.8	M3V	317 320
107699	17.5	-74 57	12.4	Nb	765 v
107700	17.5	+26 24	4.8	F8:p	59 289 sb
107701	17.5	+26 24	4.8	F6+V	59 112 sb
+33°2228	17.6	+32 51	9.1	K3III	320
107725	17.6	+27 09	8.0	K2III	659
				K3III	320

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
+37°2269	17.7	+37 39	9.5	G8IV	320
107741	17.7	+31 49	8.2	KOIII	320
107742	17.7	+27 41	8.3	K2III	320
+31°2357	17.8	+31 21	8.3	K4III	320
107760	17.9	+73 48	8.0	G3V+KOV	157 766 sb
				G7V	62 253 714
233930	17.9	+50 36	8.8	M2III	317 320
107762	17.9	+44 22	8.0	KOIII	320
107763	17.9	+39 50	8.4	K2III	320
+25°2500	17.9	+25 37	9.5	KOIII	320
107773	17.9	-67 05	6.4	KOIV-V	705 713
+42°2298	18.1	+41 57	11.2	G5V	320
+34°2309	18.1	+33 51	9.4	G8III	320
107809	18.2	+49 25	8.7	KOIII	320
	18.2	+44 52	12.8	M5III	317
+39°2517	18.2	+39 19	9.5	K1III	320
+30°2264	18.2	+29 48	9.5	G8III	320
107813	18.2	-06 29	9.1	F2V	253 658
+39°2518	18.3	+38 47	9.5	G6III	320
107832	18.3	-34 51	5.4	B9III	456
+36°2263	18.4	+35 48	9.5	KOIII	320
+44°2191	18.5	+44 07	11.6	G8III	320
107853	18.5	+27 07	9.8	GO+V	59 289
107854	18.5	+25 09	7.3	KOIII	320
+26°2341	18.6	+26 36	9.5	K1III	320
+33°2231	18.7	+33 32	9.4	G9III	320
107877	18.7	+27 32	8.9	F5V	59 289
+40°2531	18.8	+40 28	9.3	G7III	320
	18.8	+28 29	12.8	M3V	317
107905	18.9	+41 17	9.7	M1III	317 320
+45°2030	19.1	+45 35	10.3	G7III	320
107934	19.1	+40 25	8.8	K1III	320
107935	19.1	+26 23	6.7	Am	59 289 299 555
107950	19.2	+52 07	5.0	G7III	53 101 106 469 475
					479 535 714
107957	19.2	-48 53	9.2	Np	6 765 v
+36°2264	19.3	+36 36	9.2	G8III	320
+33°2232	19.3	+32 49	9.5	G6V	320
+29°2285	19.3	+28 53	9.4	G9III	320
107966	19.3	+26 39	5.1	A3V	194 710
				A4p	59 289 299 483
+38°2328	19.5	+38 27	9.4	G6III	320
108007	19.5	+26 08	6.3	FOV	59 289 vb
108020	19.6	+41 54	7.3	K2IV	320
+42°2300	19.8	+42 14	11.0	K1III	320
108021	18.2	-63 19	7.4	G6IV	320
+31°2360	19.4	+31 20	9.5	G8III	320
+40°2534	19.7	+40 17	9.4	G6V	320
+32°2242	19.8	+31 53	9.5	G6V	320
+42°2303	19.9	+42 35	11.9	G7III	320
108076	19.9	+38 53	8.1	GOV	253 296 459
108077	19.9	+32 23	8.3	G9III	320
108078	19.9	+31 35	7.7	K1III	320
+49°2137	20.0	+49 41	10.6	B7V	224
+46°1784	20.0	+46 09	10.6	M5III	317 320 v
+35°2336	20.1	+35 19	8.3	G6V	320
108102	20.1	+26 04	9.3	F8+V	59 259 289 sb
108105	20.1	+01 20	7.2	Ne	6 v
				Np($C6_3$)	1
				$C6_3$e	259 765
108114	20.1	-34 38	5.8	B9III	481 v
+47°1958	20.2	+47 16	11.4	M6III	317 320
108122	20.2	+37 47	8.3	K1III	320
+33°2234	20.2	+33 18	9.5	KOIII	320
108134	20.3	+61 14	7.4	GOp	47
108152	20.4	+39 47	9.7	G8IV	320
108153	20.4	+32 27	8.7	KOV	320
108154	20.4	+23 47	8.9	F8V	59 289
+29°2287	20.4	+29 11	9.1	G9III	320
108174	20.5	+38 54	7.6	K1III	320
108177	20.5	+01 52	9.7	F5VI	646
108186	20.6	+48 55	7.9	G9III	320
+27°2127	20.6	+27 40	9.1	KOIII	320
+26°2348	20.6	+26 40	9.5	KOIII	320
	20.7	+38 18	12.6	M2V	317
108203	20.7	-04 18	8.1	F6V	38

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
108210	20.8	+50 27	8.7	K1IV	320
+45°2032	20.8	+45 37	10.9	G5III	320
108225	20.9	+39 34	5.2	G8III-IV	53 101 106 469 475
					535 714
				K1III	320
+31°2364	20.9	+31 23	9.5	G8III	320
108226	20.9	+27 20	8.7	F6V	59 289
108238	21.0	+26 14	8.8	KOIII	320
108248	21.0	-62 32	1.4	B1IV	80 640 641 645 719
					79 sb
108250	21.0	-62 34	5.3	B4IV	456
+45°2034	21.1	+45 12	11.8	G8III	320
108252	21.1	+43 40	8.3	KOIII	320
+39°2522	21.1	+39 10	9.0	G7III	320
+30°2269	21.1	+29 47	8.9	KOIII	320
108257	21.1	-50 53	4.9	B4IV	175
				B5Vn	456 476 705
+39°2524	21.3	+39 32	8.6	K1III	320
+37°2275	21.3	+36 55	9.5	KOIII	320
+34°2313	21.3	+34 41	9.5	G8III	320
+45°2035	21.4	+45 16	10.9	G8III	320
108283	21.4	+27 49	5.2	FOpshell	126 289 714 sb?
108298	21.5	+40 27	8.6	K1IV	320
108299	21.5	+37 39	8.0	K2IV	320
108309	21.5	-48 21	6.2	G5IV-V	465 471 705 714 vb
+38°2336	21.8	+37 46	9.5	KOIV	320
+34°2314	21.8	+34 09	9.4	KOIII	320
108347	21.8	+26 42	9.2	G8III	320
+37°2277	21.9	+37 20	9.5	G6III	320
108380	22.0	+49 13	7.9	KOIII	320
108381	22.0	+28 49	4.6	K1III	320
				K1III-IV	53 101 106 199 203
					469 475 479 535 714
108382	22.0	+27 23	5.0	A2V	710
				A4V	194
				A4p	126 289 483
				FOIII	642
+45°2036	22.2	+45 05	12.1	KOIII	320
	22.2	+37 55	12.5	M2V	317
108421b	22.3	+27 36	8.7	K2V	320 vb
+47°1962	22.3	+47 28	10.8	KOIII	320
+25°2506	22.3	+25 26	9.2	G6III	320
+27°2136	22.4	+27 41	9.3	G8III	320
+46°1787	22.6	+46 10	11.1	KOIII	320
+42°2306	22.6	+42 05	11.8	KOIII	320
108466	22.6	+28 40	8.6	K1III	320
				K2III	659
108467	22.6	+24 47	8.9	G8III	320
108468	22.6	+18 24	7.5	G5III	38
108471	22.6	+09 10	6.3	G8III	117
108483	22.6	-49 40	3.8	B2V	175
				B3V	75 640 645 705 719
				B3Vn	456 641
108486	22.7	+26 27	6.6	Am	59 289 299 555 710
+33°2237	22.8	+33 35	9.5	G7III	320
+48°2022	22.9	+48 03	11.2	KOIII	320
	22.9	+45 26	12.3	M3III	317 320
108503	22.9	+33 02	9.2	G7IV	320
108534	23.0	+35 55	9.3	KOIII	320
+35°2340	23.0	+35 35	9.5	G8III	320
108545	23.1	+30 22	8.7	G8III	320
+25°2509	23.1	+24 47	9.5	G8V	320
108612	23.5	+35 11	8.2	K1III	320
108847	25.3	+31 33	9.2	G9V	320
+41°2296	23.3	+41 19	11.5	G8IV	320
+38°2339	23.4	+38 34	9.4	G8III	320
+28°2119	23.4	+28 36	9.5	G7IV	320
+37°2281	23.5	+37 44	9.2	G9IV	320
+32°2247	23.5	+32 29	9.3	KOIII	320
+31°2368	23.5	+31 40	9.3	G8III	320
+30°2276	23.5	+30 27	9.4	G8III	320
+30°2277	23.5	+30 26	9.1	G7III	320
+47°1964	23.6	+47 17	11.3	G9III	320
+38°2340	23.6	+37 55	9.3	K1III	320
+32°2248	23.6	+32 13	9.3	G9III	320
108629	23.6	+30 09	8.1	MOIII	317 320

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
108639	23.6	-60 15	7.9	B0III:p?	251 486
108641	23.7	+48 01	9.7	G6III	320
108642	23.7	+26 47	6.5	Am	99 289 299 483 555 sb
108649	23.8	+66 02	8.1	F3V	38
108651	23.8	+26 27	6.7	Am	59 289 299 555 vb
				A0p	126 194
				A2p	758
+45°2040	23.9	+44 46	10.9	G9III	320
+42°2310	23.9	+42 39	11.8	M2III	317 320
108662	23.9	+28 28	5.4	A0p	59 126 174 289 299 555 vb
+50°1926	24.0	+50 27	10.5	G7III	320
+33°2241	24.0	+33 43	9.1	K2III	320
+33°2242	24.0	+33 29	9.1	G9III	320
108675	24.0	+29 26	8.8	F6IV-V	659
+27°2139	24.0	+27 06	9.5	G9IV	320
108683	24.0	-37 42	9.3	N	6
+29°2293	24.2	+28 50	9.0	K4IV	320
108710	24.3	+49 29	8.8	K3IV	320
108711	24.3	+43 34	8.0	K1III	320
+49°2140	24.4	+49 20	11.3	G9III	320
108722	24.4	+24 39	5.5	F5III	45 97 278 469 287
				F5IVs	106
+49°2144	24.5	+49 26	10.3	G8III	320
+31°2370	24.5	+30 46	9.1	K5III	320
+30°2282	24.6	+30 38	9.3	G8III	320
+25°2511	24.6	+25 03	10.4	G8:V	59 259 289 sb
108754	24.6	-02 46	9.1	G8V	253 296
+42°2312	24.7	+42 33	11.4	M1III	317 320
108765	24.7	+21 27	5.7	A3V	194 714
108767	24.7	-15 58	2.9	B9V	287 439 529 640 641 645 705 758 59 v
+48°2028	24.8	+47 57	11.3	K1III	320
+26°2355	24.8	+25 48	9.3	G9III	320
+28°2122	24.9	+28 08	9.2	K4III	320
108805	25.0	+26 41	8.6	G8III	320 659
108806	25.0	+25 06	8.6	K1III	320
+36°2272	25.1	+36 33	9.5	G9III	320
+43°2229	25.1	+43 29	11.3	G8III	320
+43°2230	25.2	+43 15	11.3	G8III	320
108832	25.2	+82 33	8.2	F3IV	38
108834	25.2	+28 07	9.3	K0IV	320
+36°2273	25.3	+36 20	9.3	G8III	320
+43°2231	25.3	+43 36	11.5	K0III	320
108861	25.4	+59 19	6.0	G8III-IV	117 714
+42°2315	25.4	+41 49	10.9	K0III	320
108872	25.5	+41 22	8.4	K1III	320
+37°2284	25.5	+37 38	9.8	Am	224
108877	25.5	+04 03	7.4	G8III+F7IV	313 714 vb
108903	25.6	-56 33	1.6	M3II	287 444 449 460 640 641 645 677 705 714
				M3III	472 v vb
108910	25.6	-04 02	7.1	K3+III	62
				K4III	253
+37°2285	25.8	+37 13	9.5	G8III	320
+45°2041	25.9	+45 17	11.6	K0III	320
+44°2196	26.0	+44 44	10.4	K2III	320
108945	26.0	+25 07	5.4	A2p	174 555 v
				A3p	59 214 289 299 368 483
+47°1966	26.1	+47 31	10.2	G8III	320
+39°2527	26.1	+39 19	9.5	K0III	320
108955	26.1	+38 42	8.2	K0III	320
+32°2251	26.1	+32 40	9.5	G7V	320
+48°2029	26.2	+47 59	10.7	G8III	320
108973	26.2	+40 08	6.8	K0III	320
108975	26.2	+36 22	8.3	K1III	320
+34°2320	26.2	+34 27	9.0	K0III	320
108976	26.2	+28 17	9.1	F6V	659
				G0V	59 289
+39°2528	26.3	+39 41	9.1	G9III	320
+39°2529	26.3	+39 09	8.9	G7III	320
+35°2348	26.3	+34 54	9.4	G9III	320
+43°2234	26.3	+43 06	11.9	G9III	320
109011	26.5	+55 40	8.1	K2V	27 71 259 287 289 305 458 474
109012	26.5	+27 38	9.0	K1III	320
				K2III	659
+27°2142	26.5	+26 59	8.9	K2IV	320
109017	26.5	-31 22	8.4	K0V	705 713 sb
109026	26.5	-71 35	3.9	B5IV	439 440 640 705
				B5V	175 456 641 645 719
109030	26.6	+26 25	8.4	A0p	224
109031	26.6	+22 08	8.2	F0IV	38
109035	26.6	-20 25	7.3	K0III	38
+48°2030	26.7	+47 51	11.4	K0III	320
109052	26.7	+43 05	8.6	K0III	320
109053	26.7	+34 29	9.2	G8III	320
+29°2295	26.7	+29 16	10.2	K4V	320
+49°2147	26.8	+48 54	10.6	G7V	320
109068	26.8	+45 46	7.7	A7V	224
+31°2378	26.8	+31 34	9.2	G9V	320
233951	26.9	+50 08	12.1	K2III	320
+48°2032	26.9	+48 35	11.8	K2IV	320
+38°2346	26.9	+38 19	9.3	G8III	320
+38°2345	26.9	+37 57	9.5	K0III	320
+34°2323	26.9	+34 01	8.7	K4V	320
109085	26.9	-15 38	4.4	F0IV	456 705 714 sb
+25°2520	27.0	+25 37	9.5	K0III	320
+44°2199	27.1	+44 03	10.6	M6III	317 320
+37°2287	27.1	+37 07	9.5	G9III	320
+36°2277	27.1	+36 36	9.3	G6III	320
+30°2288	27.2	+30 29	9.2	K3III	320
+46°1792	27.3	+46 03	9.8	M1III	317 320
+34°2325	27.4	+34 20	9.3	G8III	320
109156	27.5	+43 45	8.2	K0III	320
109157	27.5	+28 39	9.0	G7IV	320
+33°2246	27.6	+32 57	9.5	G9III	320
+31°2380	27.6	+31 04	9.5	K0III	320
+37°2288	27.7	+37 05	9.3	G9III	320
+33°2247	27.7	+33 16	9.5	G8III	320
109200	27.8	-68 11	7.1	K0V	457 677 705
+47°1968	27.9	+47 32	10.3	G8III	320
+35°2349	27.9	+35 08	8.9	K2III	320
109203	27.9	+28 06	8.8	G7III	320
109213	28.0	+75 22	7.5	K0II-III + G9III	313 sb
109214	28.0	+26 31	9.0	K1III	320
+49°2150	28.4	+48 56	12.3	G8III	320
109268	28.4	+45 53	8.7	A2V	224
+39°2532	28.4	+39 19	9.3	G8IV	320
+34°2329	28.4	+34 03	9.1	K4III	320
109269a	28.4	+32 35	9.5	F3V	224 vb
109269b	28.4	+32 35	9.7	F3V	224
109272	28.4	-12 17	5.8	G8III	645
+45°2046	28.5	+44 47	11.8	G8III	320
109280	28.5	+34 43	8.3	G5V	320
+31°2381	28.5	+31 39	8.6	K1III	320
109281	28.5	+30 36	8.4	K0III	320
+29°2298	28.5	+29 32	9.5	K0III	320
+28°2132	28.5	+27 56	9.4	K1III	320
+43°2238	28.6	+42 51	11.2	G7III	320
109305	28.6	+38 38	6.7	K0III	320
109307	28.6	+24 50	6.1	Am	59 289 299 555 710
				A4V	194
+42°2320	28.7	+41 50	11.9	G8III	320
+41°2303	28.7	+40 57	10.3	K0V	320
+39°2533	28.7	+39 43	8.7	K1III	320
+36°2280	28.7	+35 48	8.4	G8III	320
109317	28.7	+33 48	5.4	K0III	53 101 106 320 469 475 687 714
+41°2304	28.8	+41 31	10.4	K2III	320
+40°2548	28.8	+39 51	8.3	G9III	320
+39°2535	28.8	+39 11	9.0	G8III	320
+26°2362	28.8	+26 29	9.5	G6III	320
+25°2524	28.8	+25 43	9.3	K0III	320
+37°2292	28.9	+36 47	9.2	G9III	320
+35°2350	28.9	+35 43	9.5	G6III	320
109345	28.9	+33 57	6.4	K0III	320 687
109358	29.0	+41 54	4.3	G0V	15 44 45 65 71 101 106 112 131 145 156

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
					177 185 287 288 296
					299 341 469 535 653
					665 677 714 725 726
					758 59
+35°2351	29.0	+35 18	9.5	G8III	320
+27°2148	29.1	+27 29	9.5	G8IV	320
109379	29.1	-22 51	2.8	G5II	106 259 299 444 449
					460 640 705 714 758
				G5III	641 645 v
109387	29.2	+70 20	3.9	B5III	732 sb
				B5IIIe	728 729
				(B5p)III	584
				B7p	50 105 118
				B7V	719
109389	29.2	+32 45	8.9	G9III	320
109399	29.2	-72 10	7.6	B0,5V:	495
				B1Ib	251 486
109400	29.3	+47 18	7.4	G9III	320
+31°2384	29.3	+31 12	11.0	A3V	224
+29°2299	29.4	+29 02	9.5	K2III	320
109414	29.4	+28 53	9.6	G8III	320
+30°2294	29.5	+30 36	9.3	G8III	320
+30°2295	29.5	+30 20	9.3	K2III	320
+26°2363	29.5	+26 00	9.5	G8IV	320
+44°2207	29.6	+43 57	10.7	A7V	224
+35°2353	29.6	+35 37	9.3	G7III	320
+35°2352	29.6	+34 53	9.3	K0III	320
+33°2249	29.6	+32 45	9.5	K0III	320
+42°2322	29.7	+42 12	11.1	K2III	320
109461	29.8	+41 07	9.1	G8III	320
+40°2549	29.8	+40 34	9.5	G7V	320
109463	29.8	+24 47	7.8	K5III	659
109482	29.9	+29 38	8.1	G8II	659
				G8III	320
109485	29.9	+23 11	4.8	A0III	194 714 sb?
				A0IV	81
				A1IV	714
109496	30.0	+47 33	7.9	K3IV	320
+46°1795	30.0	+46 01	11.9	G8III	320
109497	30.0	+30 45	8.2	F6IV	38 687
+37°2295	30.1	+37 09	8.2	K1III	320
109510/1	30.1	+18 56	6.7	K2III+F1V	391 sb vb
+26°2364	30.2	+25 51	9.3	K0III	320
	30.3	+34 52	12.3	M2III	317
+31°2385	30.3	+31 37	9.0	G5IV	320
109536	30.3	-40 28	5.2	Am	555
+36°2283	30.4	+36 28	9.4	G8III	320
+26°2366	30.4	+26 35	9.5	G9III	320
+48°2038	30.5	+47 46	10.9	A3V	224
+45°2048	30.5	+44 58	10.2	K2III	320
109552	30.5	+29 23	8.2	F8IV	659
+45°2050	30.6	+45 22	10.6	K0III	320
+44°2208	30.6	+44 15	11.6	G9III	320
+30°2297	30.6	+30 24	9.5	K1III	320
109581	30.7	+34 36	8.8	K3IV	320
+31°2386	30.7	+31 13	9.5	K2III	320
+35°2354	30.8	+35 34	9.5	G9IV	320
+33°2252	30.8	+33 41	9.5	G8III	320
+40°2550	30.9	+40 20	9.4	K1III	320
109615	30.9	+40 14	7.3	A1V	224
+30°2298	30.9	+29 45	8.8	G9III	320
109616	30.9	+29 14	9.2	G8III	320
109626	31.0	+30 29	8.6	K1III	320
109627	31.0	+25 58	8.0	K0III	320
				K2III	659
+25°2530	31.0	+25 19	9.5	K0III	320
109628	31.0	+11 57	8.3	G2V	253
109649	31.1	+32 33	7.5	K2III	320
109650	31.1	+30 00	8.4	K0III	320
+26°2368	31.1	+26 18	9.1	G8III	320
109655	31.2	+46 19	7.5	K4V	320
	31.2	+42 17	12.7	M2:V	317 320
109668	31.2	-68 35	2.6	B2IV	476 481 640 641 645
				B2V	665 v
				B3IV	175 439 440 444 456
					719

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
+45°2051	31.3	+45 14	11.4	G9III	320
+35°2355	31.3	+35 20	9.0	K0III	320
109680	31.4	+49 43	8.8	F0V	224
109681	31.4	+41 08	7.7	K0III	320
109691	31.5	+32 45	8.9	A1V	224
109695	31.5	-20 45	7.9	G9III	38
+46°1799	31.6	+46 40	10.5	G9III	320
+45°2052	31.7	+45 27	9.1	G8III	320
+33°2254	31.7	+32 53	9.5	G8III	320
+45°2053	31.8	+45 39	11.2	K0III	320
109740	31.9	+41 38	8.6	K1III	320
+33°2255	31.9	+33 27	9.1	G9III	320
+40°2554	32.1	+40 19	9.0	K1III	320
109762	32.1	+33 35	8.6	Am	224
+49°2152	32.3	+49 04	10.8	K0III	320
109781	32.3	+47 14	8.2	G5III	320
109787	32.3	-47 59	3.9	A2V	640 705
109799	32.4	-26 35	5.5	F2V	458 474 714 27
233956	32.5	+50 38	11.0	K2IV	320
+40°2555	32.5	+40 39	8.6	K0III	320
109804	32.5	+28 46	9.7	G9III	320
+48°2041	32.6	+48 22	12.1	G8III	320
+43°2241	32.7	+43 36	11.1	K0III	320
109823	32.7	+29 11	8.3	G0IV	659
109838	32.8	+45 48	8.0	F2V	224
+38°2351	32.8	+38 21	8.3	K1III	320
109842	32.8	-46 34	7.7	F6IV-V	465 705
109845	32.9	+33 05	8.7	F3V	224
+41°2310	33.0	+41 44	11.3	G9III	320
+37°2303	33.0	+37 35	8.3	K0III	320
+36°2289	33.0	+36 34	9.5	G8III	320
109867	33.0	-66 38	6.5	B0,5Ik	496 705
+48°2043	33.1	+48 37	11.1	K1III	320
+36°2290	33.1	+36 10	9.5	G6III	320
+27°2154	33.2	+26 56	9.2	G7III	320
233960	33.3	+49 46	10.7	G8III	320
+45°2055	33.3	+45 17	10.6	K2V	320
+39°2541	33.4	+39 14	10.1	F0V	224
109941	33.6	+29 08	8.8	K0III	320
109953	33.7	+44 39	8.9	G9III	320
+35°2358	33.7	+35 41	9.5	K1III	320
+29°2309	33.7	+29 29	9.1	G7III	320
+25°2537	33.7	+25 45	9.4	K2III	320
109978	33.8	-61 53	8.8	O9III	495 692
				O9IV	251 486
+39°2542	33.8	+39 30	9.3	G8III	320
+30°2309	33.8	+29 52	9.3	K1III	320
+46°1806	33.9	+46 41	11.2	K0III	320
109980	34.0	+41 25	6.4	A5V	224
109981	34.0	+35 07	8.0	K1III	320
109995	34.0	+39 51	7.4	A0V	224
+37°2304	34.0	+37 09	9.5	K0III	320
109996	34.0	+23 12	6.3	K1III	117 714
110012	34.1	+47 20	9.2	A3V	224
110014	34.1	-07 27	4.8	K2III	53 106 645 705 714
+28°2139	34.2	+27 58	9.5	G6III	320
110026	34.2	+14 54	8.0	Am	313
+35°2360	34.3	+35 43	9.5	K0III	320
110043	34.3	+31 08	8.6	K0III	320
110044	34.3	+29 48	9.0	G8IV	320
+25°2541	34.3	+25 43	9.5	K0III	320
	34.3	+25 11	12.7	M2III	317
110065	34.4	+41 33	8.2	K0III	320
110066	34.4	+36 31	6.3	A4p	174 224 555
				Ap	687 194
110073	34.5	-39 26	4.8	B8p	174 555 714
				B8IV	481
				B8,5IV	640 705
110085	34.5	+34 46	9.1	A7V	224
+41°2314	34.6	+41 07	12.4	K3III	320
+31°2392	34.6	+31 33	8.8	G8III	320
+50°1939	34.7	+50 01	11.2	G7III	320
+42°2323	34.7	+42 18	9.8	F0V	224
+48°2045	34.7	+48 18	11.1	F2V	224
+45°2056	34.8	+45 16	12.1	K2V	320
+28°2140	34.8	+28 09	9.5	K5III	320

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
+38°2353	34.9	+37 46	9.5	G8III	320
110135	34.9	+27 03	9.6	G8III	320
+15°2057	35.0	+45 26	10.2	K1III	320
+39°2554	35.0	+39 29	8.6	G6III	320
+32°2267	35.0	+32 32	9.2	K2III	320
+31°2394	35.0	+31 17	9.4	G9III	320
110166	35.1	+37 32	8.2	B7V	224
+25°2544	35.1	+25 33	8.5	KOIII	320
+49°2153	35.2	+49 21	9.9	A(m?)	559
+40°2561	35.2	+39 45	9.3	K2IV	320
+35°2364	35.2	+35 30	9.5	KOIII	320
110183	35.2	+28 28	10.2	F9V	291
+49°2153	35.3	+48 52	9.6	Am	224
110193	35.3	+43 17	7.9	K2III	320
110194	35.3	+34 42	7.5	K2V	320
				K3III	38
110195	35.3	+28 47	10.2	G3V	291
-26°2378	35.3	+26 11	9.3	K1III	320
-42°2329	35.4	+42 12	11.4	K1III	320
-28°2142	35.4	+28 19	9.5	GOV	291
-40°2562	35.6	+40 10	9.4	KOIV	320
110248	35.7	+30 56	7.7	Am	224 v
110253	35.7	-43 33	6.8	K3III	465
110259	35.8	+56 24	7.7	M7II-III:	2 138 765 v
+46°1811	35.9	+45 45	10.8	KOIII	320
110287	35.9	-45 36	5.8	K3II	457 645 705 714
110296	36.0	+34 40	8.0	K4V	320
110304	36.0	-48 25	2.2	AOIII	79 80 287 439 444
					449 457 458 508 705
					714 717 sb
				AOIV	640
+29°2315	36.1	+28 55	9.5	KOIII	320
+39°2543	36.2	+39 26	9.5	G8III	320
110326	36.2	+30 59	7.0	Am	224
110335	36.2	-59 08	5.0	B7IV	476 481 sb
+37°2309	36.4	+37 01	9.4	KOIII	320
110360	36.4	-60 06	9.4	O7	132 251 486
				O7,5	480 495
110363	36.5	+27 16	10.4	KOIII	320
				KOIV:	291
110375	36.6	+38 56	8.1	F2IV	38
+35°2365	36.6	+35 43	9.5	G9III	320
110379	36.6	-00 54	3.6	FOV	30 71 106 112 174
					287 296 439 472 529
					640 646 705 714 726
					758 sb
				FOV+FOV	96 285 295 677
				F3IV	665
110392	36.7	+41 08	7.7	G8III	320
+38°2356	36.7	+38 00	9.5	KOIII	320
+38°2355	36.7	+37 47	11.9	M4III	317 320
+27°2160	36.7	+27 29	9.5	KOIII	320
110409	36.8	+49 51	7.1	K2III	320
+41°2321	36.8	+40 47	12.2	K1III	320
+38°2357	36.8	+38 22	9.0	KOIII	320
110411	36.8	+10 47	5.0	AOV	81 472 714 sb?
				A1V	194
+47°1982	36.9	+46 58	10.3	K1III	320
+48°2048	37.0	+48 05	11.4	G8III	320
+39°2545	37.0	+39 13	9.1	G6III	320
+27°2162	37.0	+26 48	9.5	KOIII	320
+48°2049	37.1	+48 24	10.8	KOIII	320
+44°2216	37.1	+44 29	10.3	G5V	320
110461	37.1	-55 24	6.4	B9V	481
110463	37.2	+56 17	8.4	K3V	27 71 287 305 259
					289 474
+36°2299	37.2	+36 11	9.0	KOIII	320
110465	37.2	+26 54	9.6	K2V	320
				K3V	291
110477	37.2	-60 36	7.8	F6IV	457 705
	37.3	+31 28	11.9	AOV	224
+30°2315	37.3	+30 17	9.0	KOIII	320
+29°2316	37.3	+29 10	9.0	G9III	320
+46°1813	37.4	+46 18	11.9	G8III	320
+39°2547	37.4	+39 29	9.5	KOV	320
+38°2358	37.4	+38 31	9.5	K2III	320
+26°2380	37.4	+26 30	9.4	K2V	291

HD or D	1900 α	1900 δ	m	Sp	Bibliography
110498	37.4	-61 06	9.5	B0.5III	480 486 705
+46°1815	37.5	+46 35	10.7	G8III	320
110500	37.5	+46 25	7.0	Am	224 sb?
+38°2359	37.5	+37 59	9.5	G8V	320
110501	37.5	+34 14	6.6	KOIII	320
110506	37.5	-55 37	6.1	B8n	705
				B9Vn	481
	37.6	+43 36	12.6	M2:V	317 320
+28°2143	37.6	+28 30	9.2	G4V	291
+39°2548	37.7	+39 43	9.3	G7III	320
110523	37.7	+29 43	9.4	G1V	291
+29°2317	37.7	+29 38	9.3	G2V	291
+28°2144	37.7	+27 59	9.5	G6III	320
+46°1816	37.8	+46 44	11.6	G9III	320
+39°2549	37.8	+39 38	9.3	G8III	320
110535	37.8	+33 59	9.2	G9III	320
+27°2164	37.9	+27 07	9.5	G8III	320
	37.9	-62 32		WN5	321
110571	38.0	+26 27	8.4	G9IV	291 320
110575	38.0	-39 38	6.6	A(m)?	555
+49°2156	38.1	+48 58	10.4	G5V	320
+45°2058	38.1	+45 10	10.4	G8III	320
+37°2312	38.1	+37 22	8.9	G7III	320
+39°2550	38.2	+39 07	9.3	G8III	320
+38°2360	38.2	+38 39	9.7	FOp	224
+47°1984	38.3	+47 42	12.1	G8V	320
+38°2361	38.3	+38 37	9.8	Am	224
+35°2367	38.3	+35 02	9.3	K1III	320
110619	38.3	-37 09	7.5	G5V	465 705
+50°1943	38.4	+49 47	10.3	G7III	320
+36°2302	38.4	+36 26	9.4	G8V	320
110628	38.4	+26 40	6.7	F2nIII	47
				F2nIV	106
110639	38.4	-60 50	8.4	B1Ib-II	132 251
+32°2271	38.5	+31 59	9.5	KOIII	320
110646	38.5	-01 01	6.0	G8pIII	714 27
110660	38.5	-63 30	10.0	B1V	132 251
				B2V:	495 692
+36°2303	38.6	+36 43	9.0	G7III	320
110666	38.6	-27 47	5.7	K4III	645
110679	38.7	+26 19	9.2	G5III	320
110687	38.8	+41 49	7.8	M3III	317 320
+44°2220	38.9	+44 23	11.1	KOIII	320
+50°1944	39.0	+50 14	10.7	G6III	320
+45°2059	39.0	+45 16	10.7	G6III	320
+39°2552	39.0	+39 33	9.5	KOIII	320
110743	39.1	+34 53	8.7	G8III	320
110744	39.1	+33 28	9.6	G8III	320
+32°2272	39.1	+32 03	9.5	G6III	320
110745	39.1	+27 53	8.6	GOV	291
+37°2314	39.2	+37 13	9.5	KOIII	320
+30°2318	39.2	+30 42	9.1	G9III	320
+26°2386	39.3	+26 29	9.4	G8III	320
110785	39.3	-59 05	9.5	B2V	480 495 692
+45°2060	39.4	+45 16	10.8	KOIII	320
+37°2315	39.4	+37 31	9.5	KOIII	320
110787	39.4	+36 19	7.1	Am	224
110788	39.4	+28 32	8.0	G8III	291 320 659
+25°2555	39.4	+25 18	8.5	G7III	320
+25°2556	39.4	+25 18	8.5	G9III	320
110801	39.5	+37 02	8.6	K2III	320
311815	39.5	-60 42	10.8	B5V	480
110813	39.6	+61 38	7.7	S1,5,9e	98 v
				S1.5,9-S5,9e	765
				Se	259
110814	39.6	+34 58	9.0	G8III	320
+28°2147	39.6	+27 45	9.3	GOV	291
+37°2317	39.7	+36 49	9.2	G7III	320
+34°2349	39.7	+34 32	9.5	KOIII	320
+39°2555	39.8	+39 09	9.4	KOIII	320
110829	39.8	-60 26	4.7	K1III	457 705
110835	39.8	+43 39	7.2	K2IV	320
110838	39.8	-47 37	6.9	K1III	465 705 714
110844	39.9	+29 23	8.2	KOIII	291 320
+47°1987	40.0	+46 51	11.9	G9III	320
+37°2319	40.0	+36 49	9.2	G6III	320
110854	40.0	+36 12	8.3	AOV	224

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
110863	40.0	-60 01	9.0	B1Vp	132 251
				B2V	480 495 692
110879	40.2	-67 34	3.3	B2,5V	481
				B3V	439 640 705 719
+30°2320	40.2	+29 54	9.4	G6III	320
110882	40.2	+28 18	8.6	G1V	291
110883	40.2	+27 57	7.5	G8III	291
				K0III	320
				K2III	659
110884	40.2	+27 53	9.2	G1V	291
+49°2159	40.3	+48 49	11.1	K0III	320
110897	40.3	+39 50	6.0	G0V	185 253 463 677 714
110914	40.4	+45 58	4.8	N	6 317 320 v
				N3($C5_4$)	1
				N3$C5_4$	107
+44°2223	40.4	+43 58	9.6	G8V	320
+48°2052	40.4	+48 34	10.9	A7V	224
	40.5	+41 18	11.1	A2Vp?	224
110930	40.5	+29 14	10.0	G5III:	291
				G6III	320
110940	40.5	-31 51	9.0	N3($C5_4$)	535
110946	40.5	-64 22	9.2	B1V:	495 692
+47°1990	40.6	+47 01	10.5	K2III	320
110950	40.6	+30 19	8.0	G2V	38 687
+29°2322	40.6	+29 10	9.2	G8III	320
+26°2388	40.6	+26 19	9.5	G2V	291
110951	40.6	+08 13	5.2	Am	18 146 555 714 sb
110956	40.6	-55 56	4.7	B3IV	175 456
				B3V	640 705 719
110964	40.7	+27 39	9.6	M4III	317 320
110984	40.8	-60 38	9.0	B0IV	132 251
110986	40.9	+40 20	8.6	G8III	320
110988	40.9	+34 06	7.5	G8III	320
+32°2273	40.9	+32 44	9.2	K2III	320
110994	40.9	-89 15	6.6	M4III	705 713
+43°2255	41.0	+43 15	11.3	G8III	320
+43°2256	41.1	+42 57	11.8	G8III	320
+31°2403	41.1	+31 30	9.5	K0III	320
+34°2257	41.2	+33 53	9.5	K1III	320
111013	41.2	+29 31	9.2	G7III	291
				G8III	320
111028	41.3	+10 06	5.9	K1III-IV	62 178 287
				K1IV	145 253 296 469 475 479 714
111041a	41.4	+50 22	9.5	F6IV	224
111041b	41.4	+50 22	9.5	F5IV	224
+26°2390	41.4	+26 25	9.5	K0III	320
+30°2325	41.5	+30 14	9.4	G9III	320
+41°2329	41.6	+41 27	12.2	G8V	320
+41°2330	41.6	+40 48	11.5	G6III	320
+35°2372	41.6	+35 24	9.2	G9III	320
+33°2267	41.6	+33 37	9.0	K1III	320
+34°2353	41.7	+34 13	9.5	G8III	320
+31°2404	41.7	+31 15	9.2	K1III	320
111067	41.7	+17 08	5.3	K3III	53 106 469 475
111123	41.9	-59 09	1.2	B0III	645 79 80 439 440 444 448 640 705 sb
				B0,5III	175 216 766
				B0,5IV	175 456 641 719
				B1IV	61
111129	42.0	+47 55	8.0	M2III	317 320
+33°2268	42.0	+33 10	9.1	K0III	320
+26°2392	42.0	+25 51	9.4	G8V	320
111133	42.0	+06 30	6.4	A4p	174 555 v
111166	42.2	+04 42	8.0	Ce	259 v
				R3e	6
				R3ep	765
111180	42.3	+33 07	8.2	K3V	320
+31°2405	42.3	+30 48	9.5	K0III	320
+30°2326	42.3	+30 00	9.3	G7V	291
				G8III	320
111194	42.3	-59 48	9.0	M2 or M3Iab	419
+34°2356	42.5	+33 57	9.4	G9III	320
+32°2274	42.5	+31 45	9.7	K4V	320
+43°2259	42.7	+42 56	9.0	K0III	320
+33°2270	42.7	+33 19	9.3	K2III	320
111233	42.7	+27 58	9.6	G0V	291
+33°2271	42.8	+33 23	9.0	K2III	320
+33°2272	42.9	+33 33	9.4	G9III	320
+31°2407	42.9	+30 46	9.3	K0III	320
+33°2273	43.1	+33 35	9.5	G8III	320
+32°2275	43.1	+31 59	9.5	K2III	320
111284	43.1	+27 39	8.2	K0III	317 320
111285	43.1	+24 39	7.3	G8III	659
+40°2573	43.2	+39 52	9.4	G8III	320
+35°2373	43.2	+34 53	9.2	G9III	320
111308	43.2	+14 06	6.4	A0V	194 714
111318	43.4	+30 56	7.7	K0III	320
+25°2564	43.4	+25 41	8.9	G9III	320
				K2III	659
+37°2325	43.5	+36 52	8.3	G8III	320
+50°1949	43.6	+50 28	10.7	G9III	320
+43°2260	43.6	+43 41	9.2	F3V	224
111346	43.6	+42 31	8.6	G9III	320
+41°2331	43.7	+40 58	11.9	G8III	320
111366	43.7	+36 53	8.0	K0III	320
111367	43.7	+27 09	8.3	G1V	291
111384	43.8	-08 40	7.6	K2III	38
+49°2162	43.9	+48 51	11.7	G8III	320
+38°2371	43.9	+37 46	12.4	K0III	320
+33°2274	43.9	+33 08	9.5	K0III	320
111395	43.9	+25 24	6.4	G7V	71 131 665
111397	43.9	+14 41	5.6	A2V	194 474 714
+31°2411	44.0	+31 37	9.4	G9III	320
111417	44.0	-45 17	8.3	K3IV	465 471 705
111420	44.1	+71 29	7.3	K3II-III	38
111421	44.1	+49 01	6.2	Am	224
111422	44.1	+44 41	9.8	A5V	224
+39°2564	44.1	+38 48	9.4	K0III	320
+33°2275	44.1	+33 27	9.5	K1V	320
111444	44.2	+42 37	8.1	K0III	320
111456	44.3	+60 52	5.9	F5V	71 305
				F6V	27 33 222 287 289 458 474 714
+37°2329	44.3	+37 44	9.3	K0III	320
111457	44.3	+34 20	8.2	K2IV	320
+45°2064	44.4	+45 27	11.8	K0III	320
111469	44.4	+28 06	5.8	A2V	194 714
+27°2174	44.4	+27 25	9.1	G8III	291
				K0III	320
111482	44.4	-84 35	5.4	K0III	645
111483	44.5	+35 52	7.9	K1III	320
+31°2414	44.6	+30 59	9.5	G8III	320
111514	44.7	+26 46	9.0	G9III	291
				K1III	320
+35°2378	44.7	+35 35	9.4	G7III	320
111515	44.7	+01 46	8.3	G8V	253 296 714
+50°1952	44.8	+49 57	11.8	K2III	320
111525	44.8	+42 37	8.6	A7V	224
+40°2577	44.8	+40 23	9.3	G8III	320
111535	44.8	-46 40	8.0	F6IV	80 705 465
+27°2181	44.8	+27 34	11.2	K0V	320
111539	44.9	+38 55	8.2	K0III	320
+34°2360	44.9	+34 03	9.5	K0III	320
111540	44.9	+29 42	9.6	G1V	291
111541	44.9	+26 58		G9IV	291
				K0III	320
				K1III	659
111558	44.9	-69 06	7.1	B7Ia	481
				B8Ia	251 596
+35°2380	45.0	+34 47	9.1	K0III	320
+30°2331	45.0	+29 59	9.5	G8III	320
111572	45.1	+49 18	6.6	K0III	320
111573	45.1	+48 47	9.2	F0V	224
111574	45.1	+40 23	7.9	K0III	320
+30°2332	45.2	+30 09	9.3	K0III	320
+49°2166	45.3	+48 47	11.2	G7III	320
111591	45.3	+23 24	6.3	K0III	117 714
111597	45.3	-33 27	5.0	A0IV	456 476 641 645
111603	45.4	+42 46	8.2	F6IV	38
+39°2569	45.4	+39 15	8.5	G5V	320
+34°2261	45.4	+33 52	9.4	G8III	320

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
111604	45.4	+38 04	5.9	A2III	224 v
				A4V	194 687
+32°2279	45.4	+32 43	9.5	G9III	320
111605	45.4	+26 41	10.0	G5V	291
111613	45.4	-59 47	5.9	A1Ia	404 476 303 358 596 646 705
+44°2227	45.6	+44 44	11.8	K1III	320
+40°2579	45.6	+40 26	8.8	G8III	320
+39°2570	45.6	+39 20	8.8	G8III	320
111628	45.6	+36 15	8.0	K4III	320
111631	45.6	-00 13	8.5	M0,5V	78 94 259 573 646 665 677 725 65
+27°2178	45.7	+27 41	9.5	K1III	320
+41°2332	45.8	+40 50	11.5	K0III	320
+34°2263	45.8	+33 56	9.0	G5V	320
+36°2312	45.9	+36 28	9.2	G6III	320
+50°1953	46.0	+50 05	12.3	K0IV	320
111689	46.0	+46 37	8.2	G8III	320
111690	46.0	+33 37	10.0	G6IV	320
+41°2334	46.2	+40 47	11.8	G9III	320
+42°2344	46.3	+42 04	11.9	G8III	320
+42°2345	46.3	+41 48	11.0	K2III	320
	46.3	+40 55	12.4	M4V	317
+38°2374	46.3	+37 57	9.4	F0V	224
111732	46.3	+33 16	8.8	K1III	320
+30°2334	46.3	+29 51	9.5	K0IV	320
+27°2180	46.3	+26 56	9.3	G7III	291
				G8III	320
111742	46.4	+28 54	9.2	G7IV	291
				G8III	320
111743	46.4	+27 52	9.3	G8IV	291
				G9III	320
+41°2335	46.5	+41 19	10.6	G7III	320
+32°2283	46.5	+32 29	10.2	A2V	224
111763	46.5	+29 24	8.7	G8V	320
				G9V	291
+26°2396	46.5	+26 07	9.5	G6IV	320
111774	46.5	-39 08	6.1	B7V	481 v
111775	46.5	-47 33	6.3	A0II	465 705
111777	46.5	-56 01	8.4	G3V	465 615 705
+49°2170	46.6	+48 48	10.5	G8III	320
+35°2382	46.7	+35 34	9.5	G6III	320
111796	46.7	+43 00	8.5	K0III	320
+43°2264	46.7	+42 54	11.4	G5III	320
111811	46.8	+49 48	7.8	K5III	320
111812	46.8	+28 05	5.1	G0III	97 106 112 131 145 177 289 469 479 535 665 714 763 646
				G0IIIs	45 101 106
111813	46.8	+26 03	8.9	K0IV	320
111822	46.8	-52 07	7.5	B0,5IIIk	496 705
+44°2229	47.0	+44 43	11.8	G8III	320
+32°2286	47.0	+32 22	9.5	K0III	320
111842	47.0	+26 13	7.6	K3IV	320
				K4IV	291
				K5III	659
+38°2375	47.1	+38 19	9.5	K0V	320
+37°2332	47.1	+36 59	8.9	K1III	320
+29°2332	47.1	+29 24	9.4	K0III	320
+26°2400	47.1	+26 05	9.5	K0III	320
+26°2401	47.1	+26 00	9.0	K2V	320
+42°2348	47.2	+42 14	11.7	K0III	320
111859	47.2	+40 47	8.2	F3V	224
111860	47.2	+32 19	9.2	K0III	320
111861	47.2	+28 39	9.3	K3III	291 320
+30°2336	47.3	+30 11	9.5	K0III	320
+31°2416	47.4	+31 36	9.5	K0III	320
+27°2183	47.4	+27 32	9.5	G4III	291
				G8III	320
111893	47.4	+16 40	6.2	A5V	194 714
111904	47.4	-59 47	5.8	B9Ia	303 358 404 481 596
				B9Ia-Iab	419
				B9Ib	642
				B8-9Ib	307
111908	47.5	+07 45	8.6	R0	308
+30°2337	47.6	+30 09	9.2	G3V	291
111919	47.6	+29 23	8.8	G8IV	320
				G8V	291
111934	47.7	-59 49	7.0	B3Ib:	419
				B3-4II	307
111939	47.8	+34 22	9.0	K1III	320
+31°2417	47.8	+31 40	8.9	K2III	320
111952	47.8	-60 11	9.4	B3Vn	495 692
111957	47.9	+50 49	8.2	F4V	38
111958	47.9	+44 18	8.9	K3III	320
111968	47.9	-39 38	4.3	A5V	640 705 714
				A7III	456 642 645 714
111973	47.8	-59 50	6.1	B3Ia	303
				B3Iab	353 404 419 596 646
				B5II orIb	307
111980	48.0	-17 57	8.4	F8V	253 296 462
111990	48.0	-59 47	7.9	B2Ik	496
				B3Ik	705
				B3Ib	419
111996	48.1	+34 16	9.6	K1V	320
+41°2338	48.2	+40 49	11.9	K0III	320
112001	48.2	+27 20	7.7	G0IV	659
				G2V	291
112029	48.4	+46 22	9.1	G9III	320
+40°2586	48.4	+40 38	9.5	G8III	320
112030	48.4	+32 50	8.6	G7III	320
112033	48.4	+21 48	5.1	G8III	53 106 469 475 714
				G8III+F6: + G3IV-V	391
+44°2232	48.5	+43 48	11.5	G9III	320
+39°2574	48.6	+39 13	9.5	K4III	320
112070	48.7	+34 28	9.3	G9III	320
112078	48.7	-58 36	4.7	B3V	640 705
				B5V	719
112082	48.8	+47 12	7.6	B5:Vn	175 456 481
+30°2341	48.8	+30 39	9.1	M3III	317 320
+31°2419	48.8	+31 45	11.6	G6V	291
+43°2271	48.8	+43 41	10.3	A2V	224
112091	48.8	-56 37	5.3	F2V	224
112092	48.8	-56 38	4.1	B5Ve	175 456 476 705 vb
				B3IV	175 456 476 719 vb
				B3V	439 640 705
+41°2339	48.9	+41 27	10.0	K0III	320
+32°2289	48.9	+31 45	11.2	F5V:p	224
+27°2188	48.9	+27 32	9.3	G0V	291
112097	48.9	+12 58	6.3	Am	555 sb
				A7p	458 474 27
112114	49.0	+36 16	8.1	G8III	320
112115	49.0	+25 10	8.2	G7IV	320
+43°2272	49.1	+43 20	12.2	K0III	320
112126	49.1	+33 02	8.6	G9IV	320
112127	49.1	+27 19	7.1	K0III	291
				K1III	320
+28°2162	49.2	+27 51	9.5	K0IV	320
112142	49.2	-09 00	4.8	M3III	645 v
112147	49.2	-58 28	8.6	B0:IV:pe	251
				B3pe	480 495
+28°2164	49.3	+28 26	9.5	G1V	291
+36°2316	49.4	+36 28	9.2	K0III	320
+30°2342	49.4	+30 02	9.4	G2V	291
+29°2335	49.4	+29 45	9.5	G6V	320
112164	49.4	-43 36	5.9	G2IV	457 705 714
112171	49.4	+34 05	6.3	A5V	194 224 687 714
+27°2190	49.4	+27 38	9.5	K2III	320
+29°2337	49.5	+29 19	9.1	G8III	320
112172	49.5	+28 59	10.7	M3III	317 320
112181	49.5	-60 06	9.0	B1Vn	480
112185	49.6	+56 30	1.7	A0p	27 33 81 222 287 131 289 299 368 458 483 530 555 758 sb
				A0V	529
				A0Vp	734 765
				Ap	474
+33°2283	49.6	+33 25	9.5	G8III	320
+43°2274	49.8	+43 20	11.2	G9III	320
+41°2340	49.8	+41 39	11.9	G9IV	320
112213	49.8	-42 22	5.5	M0III	465 705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
+50°1959	49.9	+50 16	11.4	G8III	320
112220	49.9	+47 19	7.9	K1III	320
+45°2068	49.9	+45 31	11.5	G7III	320
+42°2350	49.9	+42 17	11.5	K2III	320
+29°2338	49.9	+29 31	9.1	G7V	320
				G8V	291
+39°2579	50.0	+39 13	9.1	K2III	320
+28°2165	50.0	+28 26	9.3	K1IV	291 320
+31°2423	50.1	+31 01	9.2	KOIII	291 320
112244	50.1	-56 17	5.4	O9Ib	278
+47°2001	50.2	+46 54	10.0	A2V	224
+38°2380	50.2	+38 19	8.3	G9III	320
+29°2339	50.2	+29 16	9.0	G3V	291
+40°2590	50.3	+40 15	8.3	K1III	320
+32°2292	50.3	+31 48	9.5	K2III	320
112257	50.3	+28 18	8.2	G2V	659
112264	50.4	+47 45	7.1	M5III	317 320 v
+45°2069	50.4	+45 39	10.9	KOIII	320
+40°2591	50.4	+40 11	9.3	KOIII	320
+40°2592	50.4	+39 48	9.1	G7III	320
112272	50.4	-63 49	7.4	BO,5I	495
				BO,5Ia	132 133 251 486
112275	50.5	+33 23	8.4	KOIII	320
+27°2191	50.5	+26 55	9.4	G6V	291
112296	50.6	+48 46	9.0	K3IV	320
+46°1830	50.6	+46 08	12.0	G8V	320
112298	50.6	+32 36	8.8	KOIII	320
112299	50.6	+26 16	9.2	F8V	659
112300	50.6	+03 56	3.7	M3III	145 178 472 714
112311	50.7	+58 41	8.2	FOIV	38
112319	50.7	-57 22	10.4	Ce	259 v
				Ne	765
+36°2319	50.7	+36 01	9.4	G8III	320
+27°2192	50.7	+27 36	9.5	KOIV	320
+32°2295	50.8	+32 13	9.1	K1III	320
+27°2193	50.8	+27 29	9.5	G3V	291
+40°2593	51.0	+40 12	9.5	G8III	320
112353	51.0	+32 32	6.9	KOIII	320
112364	51.0	-59 12	7.3	B1I	133
112366	51.0	-62 55	8.4	B2Ia	642
+29°2343	51.1	+29 39	9.3	G5V	291
				G6V	320
112381	51.1	-54 03	6.7	AOp	402
+27°2195	51.2	+27 00	9.3	K1III	291 320
112409	51.3	-50 39	5.5	B8V --	481
+36°2321	51.4	+35 52	10.8	M2III	317 320
112413/2	51.4	+38 52	2.9	Ap	65 66 67 287 v vb
				AOp	22 81 174 299 368
					458 508 555 758 763
					765 194 (B9,5p:131)
				AOpIII	647 766
				FOV	65 66 67 71 106 224
					287
+30°2344	51.4	+29 52	9.4	K3III	320
+45°2074	51.5	+44 48	10.7	K1III	320
+43°2280	51.5	+43 15	11.6	KOIII	320
+43°2281	51.5	+42 52	11.2	KOIII	320
112431	51.5	+40 17	8.9	Am	224
112437	51.5	-46 40	8.2	KOIII-IV	465 705
+38°2382	51.6	+38 19	9.2	KOIII	320
112445	51.6	+33 05	8.6	G9III	320
112463	51.7	+43 32	9.1	G5V	320
+37°2336	51.8	+37 11	9.5	KOV	320
+29°2344	51.8	+29 41	9.2	G8IV	291
				G9III	320
+27°2196	51.8	+26 55	9.5	KOIII	320
112484	51.8	-57 51	8.9	B2V	480
112485	51.8	-60 16	9.4	B2V	495 692
+37°2337	51.9	+37 23	9.2	K2V	320
+32°2300	51.9	+32 40	9.4	KOIII	320
112487	51.9	+32 28	10.0	A3V	224
+28°2169	52.0	+28 20	9.1	G1V	291
	52.1	+47 51	11.4	A4V	224
112501	52.1	+44 06	7.0	Am	224
+43°2283	52.1	+43 36	12.1	M4III	317 320
+38°2384	52.1	+38 14	9.4	KOIII	320
112502	52.1	+30 36	9.0	G3V	291

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
112515	52.2	+46 09	8.0	F2Vp?	224 vb 108:F2p+G0
+37°2338	52.4	+37 37	9.5	KOIII	320
112559	52.5	+66 32	6.1	N	6 v
				N4p($C4_4$)	1
				N4p($C3_4$)	765
				$C4_4$	135
125570	52.6	+46 44	5.9	G9III	117
				KOIII	320
112574	52.6	-12 36	8.1	F7V	38
+31°2426	52.7	+31 40	9.5	G5III	320
+32°2304	52.8	+32 24	9.5	G5III	320
+29°2345	52.8	+28 58	9.0	G0V	291
+29°2346	52.8	+29 32	9.0	G4V	291
+44°2236	52.9	+44 35	11.6	G8III	320
+40°2597	52.9	+40 32	9.5	G6III	320
+33°2287	52.9	+33 20	9.2	G5IV	320
+29°2347	52.9	+29 22	9.0	G6III	291
112641	53.1	+37 15	8.3	G9III	320
+36°2323	53.2	+36 05	9.4	G8III	320
+34°2371	53.2	+34 12	9.0	G7III	320
112652	53.2	+32 53	10.0	G6IV	320
+30°2347	53.3	+30 09	9.3	G1V	291
+37°2342	53.4	+37 05	9.3	KOIII	320
+36°2322	53.4	+35 47	11.9	M0V	317 320 v
112685	53.4	-45 25	7.9	F3IV	465 705
+50°1965	53.5	+50 20	11.6	K3III	320
112694	53.5	+15 37	9.5	F5V	100
112705	53.6	+48 47	8.7	KOIII	320
+37°2343	53.6	+37 29	9.5	KOII	320
+42°2356	53.7	+42 23	11.6	K0V	320
+31°2429	53.7	+31 12	9.1	G6V	291
+30°2348	53.7	+29 59	9.2	G3V	291
+35°2386	53.7	+35 19	9.5	G8III	320
+30°2349	53.7	+30 34	8.7	K0V	291
+42°2358	53.8	+42 29	11.4	K0V	320
112733	53.8	+38 49	8.8	G5V	320
+44°2240	53.9	+44 15	11.3	KOIII	320
+39°2585	53.9	+38 57	8.8	G8III	320
112753	53.9	+28 00	7.8	G0V	659 vb
				G1V	313
				G4V	291
+42°2359	54.0	+41 58	11.5	G8III	320
+39°2587	54.0	+38 49	9.0	G6V	320
+30°2350	54.0	+30 36	9.5	G1V	291
112784	54.0	-60 03	8.3	O9,5III	132 251
				BOII	495
+50°1968	54.1	+50 22	11.0	G8IV	320
+50°1969	54.2	+49 48	11.1	G6III	320
+48°2070	54.2	+47 58	10.4	G8III	320
112799	54.2	+45 21	10.2	KOIII	320
112813	54.3	+49 08	9.1	KOIII	320
112814	54.3	+40 22	6.8	G9III	320
+39°2588	54.3	+39 34	9.5	G8III	320
112825	54.3	-59 09	9.5	B1,5IVe	495
+42°2360	54.4	+42 42	11.3	K3III	320
112842	54.4	-59 50	7.1	B5I	496 705
112843	54.4	-72 05	9.5	B2III:	495 692
112859	54.6	+47 41	8.0	G6V	320
	54.6	+41 07	12.5	M0:V:	317 320
+40°2599	54.6	+40 35	9.3	K1III	320
+45°2076	54.7	+45 07	12.0	M3III	317 320
+43°2285	54.7	+43 17	11.5	K3V	320
+40°2600	54.7	+39 51	9.5	G6III	320
112869	54.7	+38 20	9.2	R	317 320 v
				R5	308
				R6p(Cp_5)	1 6 765
112872	54.7	+30 58	9.3	G6III:	291
112873	54.7	+30 35	8.7	G7V	291 vb
112914	55.0	+42 31	9.4	G9V	320
+40°2601	55.0	+40 24	8.5	G9III	320
+47°2009	55.1	+47 38	10.9	G8III	320
+29°2351	55.1	+29 11	8.9	G6III	291
112940	55.2	+46 59	8.8	Am	224
+43°2287	55.2	+43 12	11.4	KOIII	320
112985	55.4	-71 01	3.6	K2III	641 645 705 714 sb
+44°2243	55.5	+44 27	11.9	M5III	317 320
112989	55.5	+31 20	5.1	K1p	93 106 [illegible]

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
+27°2203	55.5	+27 18	9.5	G1V	291
+48°2072	55.6	+47 58	10.5	K0III	320
113001	55.6	+36 17	9.2	F2V + 09	421
113012	55.6	-59 32	8.3	B0Ib	480 705
113016	55.6	-64 05	9.0	B2V:	495 692 v
113020	55.7	+42 59	8.8	G8III	320
113034	55.7	-61 18	9.3	B1I:	132 486
113036	55.8	+42 28	8.2	F0V	38
+29°2354	55.9	+29 03	9.1	G0V	291
113076	56.1	+31 03	9.0	G4V	291
113083	56.1	-26 50	8.2	F9VI	519
				F9V	705 713
113092	56.2	+67 08	5.5	G8III	53 101 106 469 475
					535
				K2III	253 714
+48°2073	56.2	+48 45	10.7	F0V	224
113094	56.2	+24 51	7.9	K1III	659
113095	56.2	+17 40	6.0	K0III	100
113101	56.2	-07 54	9.0	G8V	253
113120	56.3	-70 56	6.1	B1Vne	481
				B3ne	705
+28°2173	56.4	+28 00	9.5	G0V	291
113139	56.5	+56 55	4.9	F0V	27 33
				F2V	65 71 94 111 106
					131 177 185 224 287
					289 305 455 458 474
					528 666 714 758 763
113140	56.5	+46 29	8.4	K1III	320
	56.5	+46 12	12.0	M5III	317 320
113158	56.6	-19 15	7.9	A7V	16 125 765 sb
113163	56.6	-60 12	7.8	B5IV	132 251
+48°2074	56.7	+47 57	11.7	G8III	320
+30°2353	56.7	+30 10	9.0	G5III:	291
+31°2437	56.8	+31 40	9.3	K3V	291
+29°2355	56.8	+29 10	9.3	G7III:	291
+31°2438	57.0	+31 13	9.3	K2V	291
+31°2439	57.0	+31 42	9.0	K2V	291
+28°2174	57.1	+27 52	9.5	G1V	291
113226	57.2	+11 30	3.0	G8III	158 178 641 758 v
				G9II-III	101 131 469 535 714
				G9III	53 106 156 187 259
					287 475 653 665
+31°2440	57.3	+31 42	9.2	G8III	291
113242	57.3	+29 32	8.2	F8V	564 659
113261	57.4	-59 50	9.1	B5III	480 705
113272	57.5	+16 05	9.5	G0V	100
113283	57.5	-87 01	7.1	G5IV-V	705 713
113284	57.6	+30 53	8.2	F0V	564
				F1IV	38
113314	57.7	-48 59	5.0	A0V	476 481
113338	57.9	+31 37	9.6	G2V	291
113339	57.9	+30 49	8.8	G0V	564
				G1V	291
113406	58.4	+24 21	7.2	M1III	38
113407	58.4	+15 19	8.9	K3III	100
113421	58.4	-59 17	10.0	B0,5III	480
				B1III:	251
113422	58.4	-61 10	8.3	B1Ia	132 251 486
+29°2359	58.5	+29 08	9.1	G2V	291
113449	58.7	-04 37	7.5	G5V	38
113468	58.9	+28 59	8.8	F7V	564
+28°2177	58.9	+28 39	9.5	G5V	291
+28°2176	58.9	+28 07	9.2	G8III:	291
+29°2361	59.0	+29 10	9.5	G5V:	291
113493	59.1	+31 33	7.4	K0III	291 564
113494	59.1	+31 19	9.0	F2IV	564
113511	59.1	-63 31	9.1	B0III	132 251
113515	59.2	+30 59	9.6	G8III	291
113516	59.2	+22 25	7.8	F7V	38
113528	59.3	+15 17	10.7	G5V	100
113537	59.3	-46 35	6.5	F5III	465 705
113538	59.3	-51 53	9.0	K9V	519 705 713
113561	59.5	+30 45	9.2	G5III	564
				G5V	291
113562	59.5	+28 38	8.9	F0V	564
113577	59.6	+46 59	8.2	F4IV	38

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	12h				
+15°2538	59.7	+15 34	10.9	G0V	100
113621	59.9	+50 36	8.0	F9V	38
	13h				
113637	00.0	+54 29	7.5	K3III	38
113659	00.1	-64 33	8.1	O9IV	251
113703	00.4	-47 56	4.7	B3V	705
				B4IV	175 456 719
				B5IV	481
				B5V	175
113708	00.4	-64 40	6.7	B0,5III:k	496 705
+29°2362	00.5	+28 55	9.2	G3V	291
113712	00.5	+16 38	8.6	G8V	100
113713	00.5	+15 15	7.8	F5V	100
113771	00.9	+27 07	7.8	K0III	659
113785	01.0	+15 21	8.5	G0V	100
113791	01.0	-49 22	4.1	B2IV	175 456 641 705 719
				B2V	175 645 sb
113797	01.1	+36 20	5.1	B9V	194 v
113801	01.1	-19 31	8.4	K5R	1 6
				R0	308
+29°2363	01.2	+29 28	9.0	G4V	291
+15°2543	01.2	+15 06	11.2	G0V	100
+29°2364	01.3	+28 47	8.9	G4V	291
113847	01.4	+45 48	5.5	K1III	117
113865	01.5	+29 34	6.4	A3V	194 564
113879	01.6	+15 55	9.3	F5V	100
113892	01.7	+41 27	7.4	M1III	38
+28°1296	01.7	+28 36	9.7	F0IV	564
113902	01.7	-52 55	6.0	B8V	645
113904	01.7	-64 46	5.5	O9f	278
				BOI:WR	251
				WC6+O9,5I	321
+29°2367	01.8	+29 23	9.5	G0V	291
113922	01.9	+14 49	9.5	G8V	100
113958	02.1	+28 45	8.7	F7V	564
113984	02.3	+01 08	7.2	F5V	253
				F5V+dG0	714
113995	02.4	+29 14	8.6	K2III	564
				K2III-IV	291
113996	02.4	+28 10	4.9	K5III	53 101 106 259 469
					475 479 535 714
114011	02.4	-60 39	9.3	B0,5III	495 692
				B1,5Ia(+)	132 251 486
+29°2370	02.5	+29 17	9.4	G3V	291
+28°2186	02.5	+27 51	9.5	G4V	291
114024	02.5	-59 08	10.5	B0,5Ia	480
+31°2451	02.6	+31 17	9.4	G2IV:	291
114037	02.7	+27 03	9.1	K1III	659
114038	02.7	-10 12	5.3	K1III	53 106
				K2III	714 27
+30°2368	02.9	+30 00	10.0	F3V	564
114059	02.9	+29 57	9.6	G8V	291 564
114060	02.9	+24 32	8.1	G5V+G7V	253 sb
+28°2189	03.0	+28 09	8.9	G9III	291
114093	03.2	+25 21	6.9	G8III	659
+29°2372	03.4	+29 18	9.2	K0III	291
114131	03.5	+16 02	7.7	K1IV+G5IV	313 sb
				K2III	100
114146	03.6	+39 17	7.0	G5p+K3V	313 sb v
114172	03.8	+29 55	8.6	G0V	659
				G2V	291 564
114174	03.8	+05 46	6.8	G5IV	185 253 296 714
+31°2453	03.9	+31 00	9.5	G3V	291
114213	04.0	-60 56	8.9	B1I(b)	480 486
114217	04.1	+42 41	8.2	F4IV	38
+31°2455	04.1	+31 13	9.4	K2III:	291
114254	04.3	+30 47	8.7	F3V	564
114284	04.5	+29 13	8.8	G0V	564
				G3V	291
114311	04.7	+30 59	9.3	F6V	564
114330	04.8	-05 00	4.7	A0V	705 sb
				A1III-IV	456
				A1IV	641 714
				A1V	81 299 472 645
114340	04.8	-59 13	8.2	B1I	495 692
				B1Ia+	132 251 486

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	13h				
114341	04.8	-59 35	8.6	B0III:nn	132
114365	05.0	-52 02	6.3	A0p	402
114376	05.1	+39 04	6.2	B7III	194
114378/9	05.1	+18 04	5.2	F5V	45 156 287 295 299v 653 665 677 714 726
114401	05.2	+29 22	8.8	K0III	291
				K1II	564
114441	05.4	-54 49	7.1	B2IVpe	251
				B2V:ne	495
+31°2460	05.5	+31 15	9.1	G4V	291
114448	05.5	+29 59	8.6	G9III	291
				K0III	564
114478	05.6	-62 17	9.6	B1II	132 251
114494	05.8	+02 16	8.1	F6III	38 287
114519	06.0	+36 28	8.4	F4n+dG8	259 765 sb
				K2III	125
114529	06.0	-59 23	5.0	B8V	481
114538	06.1	+14 28	8.0	F2IV:	100
114556	06.2	+28 54	8.7	Am	555
				A9III	564
114606	06.5	+10 10	8.7	G3V	253 295 296 463 vb
114635	06.7	+29 24	8.8	F6V	564
+28°2192	06.7	+28 06	9.1	G7V:	291
114636	06.7	+26 54	8.4	K1III	659
114642	06.7	-15 40	5.1	F6III-IV	45 97 287 288 665 714
				F6IVs	106
114662	06.8	-20 20	8.0	K0II	38
+30°2376	07.1	+30 01	9.5	G0V	291
114703	07.1	+68 02	8.8	K2V	253 296
114710	07.2	+28 23	4.3	G0V	45 65 71 94 97 101 106 112 131 145 154 177 156 185 178 195 287 288 296 299 340 341 425 535 653 677 665 714 725 726 758 763
114724	07.3	+24 48	6.3	K1III	117
114725	07.3	+16 40	7.4	F5V	100
114729	07.3	-31 20	6.7	G3V	519
114733	07.3	-57 50	9.5	B0,5V	495 692
114737	07.3	-63 03	8.1	O9V	251
+30°2377	07.4	+30 34	9.3	G6V	291
+28°2194	07.4	+28 43	9.5	G0V	291
114761	07.5	+30 32	8.4	K3V	564
				K4IV:	291
114762	07.5	+18 02	7.7	F9V	253 296 714
114793	07.7	+19 17	6.3	G8III	117 714
114800	07.7	-62 51	7.9	B2Vpe	251
114837	08.0	-58 34	4.9	F8V	457 714
114886	08.3	-63 03	7.0	O9:V	251 717
				O9Vk	496 705
114911	08.5	-67 22	5.1	B8V	318 481 641 645 sb
114913	08.6	+58 59	8.0	F7V	38
114958	08.9	+30 18	8.9	G6V	291
+29°2383	08.9	+29 11	9.2	K2III	291
114960	08.9	+01 59	6.8	K5III	253 469 475
114976	09.0	+30 20	7.9	G9III	291 vb
+31°2463	09.1	+30 54	9.0	G0V	291
115004	09.2	+40 41	5.0	K0III	53 101 106 469 475 479 535
115034	09.3	-63 21	8.7	B1V	495 692
115043	09.5	+57 14	6.7	G1V	71 145 178 259 287 305 665
				G2V	27 33 215 222 458 289 714
115046	09.5	+11 52	5.7	M0III	253 513 515 714
115103	09.9	+29 55	8.6	F5V	564
				F6V	659
115136	10.1	+67 49	6.8	K2III+K2III	313
-60°4528	10.1	-60 50	8.7	B1III	705
115182	10.4	+30 17	10.0	G9III	291
115202	10.6	-19 25	5.3	K1IV	53 199 705
115236	10.7	-44 11	9.5	K5p	765 v
115256	10.9	+29 17	7.4	K2III	291
				K3III	659
				K2V	564
	13h				
115310	11.3	-30 59	5.4	K1III	645
115316	11.3	-61 56	10.2	B1V	480
115322	11.4	+07 02	7.2	M6III	38
115331	11.4	-43 27	5.9	Am	422 555 645
115339	11.5	+28 17	8.4	G8V	659
	11.5	-61 54	12.6	WC6	321
115363	11.6	-63 10	8.5	B1Ia+	132 251 486
				B2I	495
115383	11.8	+09 56	5.2	F8V	131 45 665
				G0V	287 288 469 677 714 725 726 106
				G0Vs	45 665
	11.9	-61 57	14.7	WC7	321
115427	12.0	-12 00	8.1	F4IV	38
115473	12.2	-57 37	9.0	WC6	321
115478	12.3	+14 12	5.4	K3III	106 469 535 714
115539	12.7	+14 28	7.3	G8III-IV	253 459 469 714
115604	13.1	+41 06	4.7	F0II-III	714 v
				F0II-IIIp	112
				F2III	97
115613	13.2	+27 58	8.8	F8V	659
115617	13.2	-17 45	4.8	G5V	296 725 94
				G6V	65 71 185 287 288 468 645 646 677
				G6Vn	45 106 665 714
VY Vir	13.3	-04 09	10.5	M3ep	765 v
115659	13.5	-22 39	3.3	G5III	106 287 299 439 458 705 714 763 27 v
				G8III	641 645
115673	13.5	-73 55	9.4	Np	765 v
115708	13.8	+26 54	8.3	A2p	174
115709	13.8	+04 13	6.6	A1IV:	313
115753	14.1	+04 15	7.0	K2III:	313
115762	14.2	+25 08	8.2	G2V	659
115805	14.4	-59 28	10.3	B1:Vnne	480
115823	14.5	-52 13	5.4	B5III	175 456 481 sb
				B5III+A1:	476
115832	14.6	+06 00	8.1	F5III	38
115842	14.6	-55 17	6.0	B0I	717
				B0Ik	496 705
				B0,5I	133
				B0,5Iab	251 646
115846	14.6	-67 01	7.1	B4V	481
115892	15.0	-36 11	2.9	A2V	287 299 439 456 472 641 645 646 665 705 714
115929	15.2	+28 38	8.8	F6V	659
115967	15.4	-71 37	6.1	B5-8V	496 705
115577	12.9	-27 48	6.7	G8IV	471 657 705 714
116012	15.8	+04 39	8.8	K2V	296 253
116029	15.9	+25 10	8.2	K1III	659
116064	16.1	-38 47	8.8	F0p	465 705
				F0VI	519
116072	16.1	-60 27	6.7	B4Vn	481 v
116087	16.2	-60 28	4.4	B5IV	486 705
				B5V	175 456 476 641 645 719 vb
116108	16.4	+61 46	9.1	F3IV	47
116119	16.4	-61 29	8.1	B9I	132 496 705
116168	16.7	-60 38	9.1	B2IV:	495 692
116226	17.1	-48 02	6.5	B7IV	476 481
116232	17.2	+26 31	7.7	G8III	659
116243	17.2	-64 01	4.5	G5III-IV	457 705
116282	17.5	-59 17	9.6	B0IV	495 692
116292	17.7	-17 13	5.4	K0III	714 v
				K1II	53
116328	17.8	-61 06	8.6	B2V	495 692
116329	17.9	+26 22	9.5	F7V	659
116458	18.6	-70 06	5.8	A0p	402
+44°2267	19.1	+44 15	9.5	S2.5,9:	98 v
116594	19.5	+12 57	6.2	K0III	117
116656	19.9	+55 27	2.4	A2V	22 27 71 81 131 222 287 458 666 714 734 756 305 v sb
				A2V,Am	474
116657	19.9	+55 26	3.9	Am	18 25 81 222 305 27 555 666 734 758 sb
				A2V	725

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	13h				
116658	19.9	-10 38	1.2	B1III	444 sb
				B1III-IV	22 439 584 758
				B1V	65 71 78 94 105 131 177 306 251 287 289 299 483 641 645 705 719 728 729 765
				B2V	357
				B2V+B3V	766
116706	20.3	+24 22	5.8	A3V	194 sb?
116766	20.6	-63 16	10.0	B2V	495 692
116802	20.9	-02 52	9.9	F2Ib-G6Ib	258 v
				F0Ib-G0Ib	766
116842	21.2	+55 30	4.0	A5V	27 33 65 71 94 112 185 224 287 289 305 299 458 472 474 483 528 714 734 758 sb
				A6V	665
116849	21.2	-65 46	9.2	B1Vpe	251 495
116852	21.2	-78 20	8.4	O9III	251 495 692
116870	21.4	-12 11	5.3	M0III	253 514 645 714 v
116976	22.1	-15 27	4.9	K1III	53 156 653 705 714v
116961	22.0	-12 47	7.7	G5III	38
117028	22.5	+29 24	9.5	G8III	659
117062	22.7	+24 50	9.0	F2V	659
117111	23.0	-64 59	7.5	B0Vne	495
				B1Vpe	251 486
				B?Ve	133
				B1Vpe	132
117125	23.2	+02 45	7.6	G8III	38
117176	23.5	+14 19	5.0	G5IV-V	41 45 78 101 296 535 758
				G5V	65 71 94 185 196 287 362 469 479 665 714 725
				G5Vn	106 518
117216	23.7	-64 37	10.2	B1III:	495 692
				B1V:	251
117246	24.1	-18 13	6.9	K4III	253
117297	24.2	-61 34	10.9	WC7	321
117357	24.6	-61 13	9.0	B0Vne	495 692
+11°2576	24.9	+10 56	9.5	M1V	65 287 296 573 677 725 665
117403	25.0	+46 54	8.0	F4III	38
+8°2658	25.0	+08 37	9.3	K0V	12
117440	25.3	-38 54	3.9	G8III	457 705 714 sb
117460	25.3	-62 32	7.1	B2III	133
117555	26.0	+24 44	8.0	G2III	646 (338:gG8)
				G5II	659
117558	26.0	-27 36	6.5	A0III-V	457 705
117635	26.6	-01 48	7.3	G9V	253 296 714
117688	26.8	-61 48	10.9	WN6	321
117707	26.9	-64 40	9.4	B0,5I	132 133 495 692
+31°2500	27.4	+31 40	9.5	M0V	423 sb
117797	27.5	-61 54		O6	133
				O8,5	495
117818	27.7	-09 39	5.4	K0III	53 106 714
117846	27.9	+37 19	6.9	G8III+F5IV:	313 sb
117856	27.9	-62 50	7.4	B0Ib	251 486
117876	28.1	+24 52	6.2	G8III	62
				K0III	253 469 475
117880	28.1	-18 00	9.1	A0V	253 462 658
117939	28.6	-38 23	7.3	G4V	465 705
118022	29.1	+04 10	4.9	Ap	439 474 516 sb
				A0p	287
				A2p	81 174 299 555 758 27
				A2V	177
118098	29.6	-00 05	3.4	A3V	22 81 126 287 299 458 483 508 529 641 645 705 714 717 734 758 665 472
118186	30.1	-16 25	8.1	F8V	38
118214	30.3	+55 52	5.5	A0p	555 733
118216	30.3	+37 42	5.0	F2IV	112 131 665 714 sb
118219	30.3	-04 53	5.8	G6III	645
118232	30.4	+49 32	4.6	A4V	112 299 v
	30.4	+25 19	9.5	G8V	659

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	13h				
118258	30.5	-55 39	8.2	G6V	705 713 sb
118266	30.6	+10 43	6.3	K1III	117 714
				K1III+F6V	391 vb
118322	31.1	-55 58	7.0	N3	765 v
118328	31.2	+68 17	8.6	G1V	253
118511	32.3	-07 22	7.1	K0III+K0III	313
118536	32.5	+50 00	6.2	K1III	117
118571	32.6	-60 29	8.7	B0IV:	251
				B1Vn	495 692
118623	33.0	+36 48	4.9	A7III	112
118643	33.1	+34 15	7.5	K3II	38
118646	33.1	-29 03	5.8	F6IV-V	465 705
118658	33.2	+27 18	8.4	K0III	659
118681	33.3	-60 04	9.3	B2V	495 692
118716	33.5	-52 57	2.2	B1IV	439 444
				B1V	175 456 495 641 645 705 719
118741	33.7	+51 13	6.6	M2II-III+ F3III	391
118742	33.7	+37 41	7.8	G5V	253
118823	34.2	+24 45	8.3	K2III	659
118905	34.8	+27 12	7.2	K1III	659
+13°2698	35.0	+13 06	9.4	F9V	253 658
118942	35.1	-16 50	8.1	F3IV	38
118957	35.2	-04 45	8.1	F5IV	38
118964	35.2	-52 06	8.5	K2III	705 713
118969	35.2	-63 13	9.9	B1,5V	495 692
118971	35.3	+26 26	8.9	G8III	659
118978	35.3	-58 17	5.5	B9IV	476 481 705
118991	35.4	-54 03	5.6	B8V	481
119055	35.9	+20 28	5.6	A1V	194 714 sb?
119070	35.9	-47 58	9.2	G5V	457 705
-61°3926	35.9	-61 15	6.9	B8I	705 496
119078	35.9	-66 54	9.4	WC7	321 646
119109	36.1	-73 08	7.0	B7V	481
119149	36.4	-08 12	5.2	M2III	645
119159	36.4	-56 16	6.2	B2IV	481 641 645
119228	37.0	+55 12	4.4	M2III	145 178 472 665 714v
119272	37.2	+78 24	8.2	F4V	38
119419	38.0	-50 31	6.5	A0p	402
119425	38.1	+04 02	5.7	K1III-IV	471 714 62 v sb
				K2III	145 253 469 475 509 714
				K3III	459
119461	38.3	-03 47	7.0	K2III+F7V	313 714 sb
119605	39.1	-15 41	5.6	G0II	645 714 27
119608	39.1	-17 26	7.3	B1Ib	135 217 251 377
119629	39.2	-48 18	6.8	F8V	457 705 714
119646	39.3	-61 57	6.6	B2I	495 692
				B2Ib-II	251 486
119665	39.5	+25 48	9.4	F6V	659
119748	40.0	+29 29	8.3	K1III	659
119756	40.0	-32 33	4.4	F0V	645 sb
				F2III	456 641 714 717
				F4III	299
				F4IV	705 714
119850	40.6	+15 27	8.6	M4V	253 515 677 714
119985	41.5	-45 34	8.8	G3IV-V	465 705
119944	41.3	+27 43	8.3	K2III	659
120052	42.0	-17 21	5.8	M1III	253
				M2+III-	62
120136	42.5	+17 57	4.5	F6IV	41 45 295 758
				F7V	65 71 112 156 287 288 362 653 665 677 763
				F7Vn	106 725 726
120164	42.7	+39 03	5.6	K0III+F8V	313 sb
120198	42.9	+54 56	5.5	A2p	555
120223	43.0	-43 15	9.2	G8IV-V	705 713
120237	43.1	-35 12	6.5	G3IV-V	465 705 vb
120307	43.5	-41 11	3.4	B2IV	175 481 483 sb
				B2V	175 439 456 705 719
120315	43.6	+49 49	1.9	B3V	22 30 44 50 65 71 105 130 131 177 287 289 306 357 439 455

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	13h				
					483 510 529 530 531
					584 598 697 719 728
					729 732 758 sb
120323	43.6	-33 58	4.2	M1III	472 v
120324	43.6	-41 19	2.8	B2Ve	439 sb
				B2Vpe	173 766
				B2Vpne	175 483
				B3V	719
				B3Ve	175 456 641 645 476
120335	43.7	+18 44	8.1	F3IV	38
120348	43.9	+42 33	6.6	K1III	253
120421	44.2	+28 22	8.5	K1III	659
120452	44.4	-17 38	5.1	K1III	53 106 645
120477	44.6	+16 17	4.3	K5III	53 101 106 469 472
					475 479 535 v
120521	44.8	-58 03	8.5	09I	495 692
120539	45.0	+21 46	5.1	K4III	53 101 106 469 475
					479 535
120559	45.1	-56 56	7.7	G5V	705 713
120592	45.3	-47 48	7.4	G5V	457
120593	45.3	-47 48	7.5	F6V	457
120640	45.6	-46 25	6.0	B4III	456 476
120642	45.6	-52 19	5.6	B9Vn	481
120678	45.8	-62 14	7.8	Ope	251
120680	45.8	-66 02	7.4	B2Vk	496 705
120709/10	46.0	-32 30	4.2	B5III	175 411 596 v
				B5IV	175 410 456 476 705
					719
			+	B8V	456
120780	46.4	-50 26	7.5	K1V	705 713 vb
120802	46.6	+27 37	8.4	K1III	659
120803	46.6	+25 12	7.7	K1III	659
120818	46.7	+35 16	6.6	A4V	194 474
				A5III	458
120893	47.2	+38 13	8.2	F6V	38
120895	47.2	+25 11	8.2	K3III	659
120908	47.2	-52 53	5.6	B5V	175 456 476
120934	47.4	+12 40	6.0	A2V	194
120955	47.5	-31 26	4.7	B5III	175 598 sb
				B5IV	175 456 719
				B5V	705
120980	47.7	+66 29	8.2	F1III	38
121004	47.8	-46 02	9.2	G1IV	705
				G1IV-V	713
121131	48.5	+28 20	9.4	K1V --	659
121141	48.5	-47 38	7.2	F2V	465 705 714
121149	48.6	+28 09	9.3	G0V	659
121183	48.8	+27 35	9.6	K0IV	659
121184	48.8	+24 40	8.0	K3III	659
121190	48.8	-51 41	5.8	B8V	476 481
121263	49.3	-46 48	3.1	B2IV	439 641 645 705 719
				B1IV	444 sb
121299	49.6	-01 00	5.3	K2III	53 106 714
121319	49.7	+28 50	8.0	K0III	659
121370	49.9	+18 54	2.8	G0IV	30 41 45 65 78 94 146
					97 106 112 131 145
					156 185 287 288 362
					439 441 444 449 469
					479 665 641 646 653
					677 714 725 726 758
				G0V	299 sb
121416	50.1	-46 06	5.8	K0IV	457 471 705
121447	50.3	-17 45	8.1	Mp(BaII)	646
121474	50.4	-63 11	4.7	K4III	645
121483	50.5	-45 53	7.0	B2V	496 705
+46°1913	51.4	+46 16	9.7	Am	555
121710	52.0	+27 59	5.2	K3III	53 101 106 469 475
					535 714 v
121743	52.2	-41 36	3.8	B2IV	175 483 596 v
				B2V	175 439 456 476 705
					719
121746	52.2	-47 58	7.2	F5IV	465 705 714
121766	52.4	-04 59	8.1	F4IV	38
121790	52.5	-44 19	3.8	B2IV	483
				B2V	175 705
				B3IV	175 456 476 719

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	13h				
121829	52.8	+18 44	7.7	G6III-IV	38
121844	52.9	+25 31	8.2	K1III	659
121849	52.9	-33 30	8.4	G5V	705 713
121852	52.9	-44 58	7.4	F7V	457 705
121996	53.9	+22 11	5.4	A0V	194 714
122052	54.3	+25 12	7.3	G0III	659
122066	54.4	-24 31	5.8	F3V	645
122106	54.6	-03 03	6.3	F5V	645
122132	54.8	+47 06	7.2	M2III	38
122149	54.9	+54 04	7.9	G2IV	38
122196	55.2	-37 33	8.9	F5VI	519
122223	55.4	-45 07	4.6	F5II	705
				F7I-II	456 sb
122324	56.1	-55 31	9.0	B0,5I	495 692
122408	56.6	+02 02	4.3	A3III	81 sb
				A4III	714
				A5III	734 27
				A3V	287 468 641 705
122451	56.8	-59 53	1.0	B1II	79 80 439 444
				B1III	456 641 645 719
122532	57.4	-40 56	6.4	A0V	645
				A0p	402
122547	57.5	+33 19	9.4	R2	308
122563	57.3	+10 11	6.2	G0IV	195 253
+8°2808	57.6	+08 23	10.0	M4p	765 v
122691	58.2	-62 06	9.3	B0,5Vn	495 692
122693	58.3	+25 03	8.7	F8V	659
122694	58.3	+22 33	8.2	F6V	38
122742	58.6	+11 16	6.1	G8V	117 477 677
122744	58.6	+08 01	6.2	G9III	117
122751	58.6	-20 50	8.2	F2V	38
122767	58.7	+25 05	8.2	K3III	659
122796	58.9	+27 58	7.3	K1III	659
122831	59.0	-68 05	9.1	B1III	495 692
122837	59.1	-14 59	6.4	G6III	645
122879	59.3	-59 14	6.4	B0I	495 692 705
				B0Iab	132 486
				B0II	481
122967	59.9	+62 46	8.2	F3V	38
122980	59.9	-40 42	4.3	B2V	175 456 476 483 495
					596 705 719
	14h				
123008	00.0	-63 59	9.6	09,5I	495 692
123011	00.1	+70 49	7.6	G8III	38
	00.1	+26 19	9.8	K0V	659
123056	00.3	-59 59	8.2	09,5III	495 692
				09,5V	132 251 486
123102/3	00.6	-12 36	7.9	F0IV+F5V	313 vb
123113	00.6	-56 39	9.1	B3V	480
123123	00.7	-26 12	3.4	K2III	645
123139	00.8	-35 53	2.3	K0III	641 645 705 714
				K0III-IV	287 288 296 444 449
					665 677 725
123280	01.6	+42 51	8.0	F6V	38
123299	01.7	+64 51	3.6	A0III	65 81 224 287 483
					687 732 734 sb
				A0p	555 733
123335	01.8	-58 48	6.4	B5IV	456 476
123413	02.4	-20 43	8.1	G5III	38
123465	02.7	-59 32	9.2	B2V	480
123505	02.9	-61 01	8.6	G9V	705 713
123598	03.5	-18 46	7.2	M3III	38
123609	03.5	-61 51	9.8	B3V	480
123612	03.6	+24 47	8.4	K5III	659
123651	03.8	-45 47	8.2	G1V	457 705
123670	04.0	+37 13	8.2	F8+G5?+F8IV	313 sb
123673	04.0	+18 06	7.8	G6III	38
123682	04.0	-44 30	8.3	G5V	465 705
123760	04.5	+10 44	7.9	G5V	38
123797	04.6	-48 18	6.6	G5IV	457 471 705 714
123822	04.8	+25 54	8.8	G8III	659
123877	05.1	+26 18	8.3	K5III	659
	05.3	-64 58		WR	321
123977	05.7	+59 48	6.5	K0III	253 469 475
123999	05.8	+25 34	4.8	F8IV	45 112 287 665 714sb

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	14h				
124019	05.9	+28 05	8.2	G2V	659
124182	06.8	-65 41	7.0	B6IV	481
124197	06.9	-65 14	6.9	B6V	481
124224	07.2	+02 53	4.9	B9p	81 555 765 sb
				A0p	174 368 619
124294	07.6	-09 48	4.3	K3III	53 106 131 178 645 705 714
124298	07.6	-60 46	9.5	B2V	495 692
124300	07.6	-64 16	10.0	B2V	480
124304	07.7	-13 23	7.2	M5II	38
124314	07.7	-61 14	6.5	O8:nnk	496 705
124330	07.9	+54 53	7.8	G4IV	38
124367	08.0	-56 37	5.2	B3Ve	456 476 705
124370	08.1	+62 59	8.2	F2IV	38
124397	08.2	-61 45	9.6	B1V:	480
124425	08.5	-00 22	5.9	F6IV	253 714 sb
124471	08.7	-66 07	5.0	B2Ib	278
124547	09.2	+78 01	5.0	K3III	53 106 259 479 659
124575	09.3	-20 36	7.7	K5II-III	38
124674	09.9	+52 16	6.7	F2V	67 71 185 474 714
				F0V	27 v
124675	09.9	+52 16	4.6	A7IV	66 112 299 474 714v
124679	09.9	+10 35	5.4	K0III	53 101 106 469 475 535 714
124713	10.1	+22 21	6.4	A8V	194 714
124752	10.3	+68 03	8.2	K0V	27 71 287 289 305
124771	10.3	-79 39	5.1	B3V	495
				B4IV	456 476 705
124788	10.4	-60 19	8.8	B5V	480 486
124850	10.8	-05 31	4.2	F6III	45 287 303 665 758
				F6IVs	106 645 v
				F7III-IV	112 299 714
124897	11.1	+19 42	0.2	K0III	15 v
				K1p	342
				K1III	8 62 145 178
				K1IIIp	536
				K2p	758
				K2III	53 142 199 253 259 296 479 726
				K2IIIp	65 101 106 131 177 203 287 288 469 475 535 641 665 677 714 725
124909	11.1	-60 26	8.9	B1III	480 486
124953	11.4	+19 23	6.1	Am	474 555 27 sb?
124979	11.5	-51 02	8.5	O8,5	495
124989	11.6	-15 59	8.7	M6III+F6V	313 sb
125072	12.0	-58 53	6.7	K3V	457 677 705 714
125106	12.1	-57 59	10.5	B2V	480
125158	12.5	-60 48	5.3	Am	422 516 555
125161	12.6	+51 50	4.8	A7V	112 737 v
125162	12.6	+46 33	4.3	A0p	81 299 131 287 v
	12.7	+51 50	8.2	K1V	253
125211	12.8	-65 52	8.9	B2V	480
125238	13.0	-45 36	4.0	B3IV	481 v
				B3V	439 456 705 719
125241	13.0	-60 26	8.4	O9I	132 251 486
				O9,5I	495 692
125248	13.1	-18 15	5.7	Ap	516 645 714 v
				A0p	174 368 555
				A3sp	765
125272	13.3	+58 32	8.0	F9V	38
125288	13.3	-55 56	4.3	B5II	96 456 476 641 719
				B6II	645
				B8III	705
125320	13.6	+27 15	8.0	G5IV	659
125335	13.7	+10 58	7.1	Am	47 559 sb
125337	13.7	-12 55	4.6	Am	25 185 289 472 516 555 645 714 sb
125351	13.8	+35 58	4.8	K1III	53 106 652 469 475 479
				K0III	131 sb
125451	14.4	+13 28	5.3	F5IV	45 287 714
				F5IV-Vs	106
125454	14.4	-01 48	5.2	G8III	53 106 714 v
125455	14.4	-04 42	7.6	K0V	38 677
125473	14.5	-37 26	4.2	A0IV	641 645
				A0V	705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	14h				
125515	14.7	-61 57	9.5	B5V	480
125560	15.1	+16 46	5.0	K3III	53 101 106 469 475 479 535 714
125595	15.3	-39 55	9.2	K5V	705 713
125630	15.5	-66 11	6.7	A2p	402
125642	15.7	+39 15	6.0	A2V	194 474
125658	15.8	+30 53	6.3	Am	555 629 714 194
125721	16.1	-47 52	6.1	B3V	481
125728	16.2	+26 31	6.9	G8II	659
125823	16.8	-39 03	4.4	B3I:	495 705
				B3V	596
				B5III	476 481
				B6III	175 456 719
125833	16.8	-65 02	8.4	K0III	705 713 sb
125835	16.8	-67 44	5.7	A2Ia	645
125920	17.4	+20 16	8.0	K0III	211 765 v
125932	17.4	-27 18	4.8	K5III	457 705 714 v
125968	17.6	-27 21	7.8	G5IV-V	457 471 705 714
126004	17.8	-60 52	9.2	B3Vne	480
126009	17.9	+29 51	8.6	MIII	659
126030	18.0	+25 59	8.3	F5V	211 766 v
126035	18.0	-11 15	6.3	G7III	645
126101	18.4	-12 28	8.1	F5V	38
126114	18.4	-54 08	8.9	B2V	480
126140	18.6	+38 57	8.3	F0IV	38
126218	19.1	-24 21	5.4	G8III	645
126307	19.6	+27 53	6.6	K4III	659
126327	19.7	+26 11	8.6	MIII	659 v
126341	19.7	-44 46	4.6	B2IV	197 216 448 765 v
				B3III	481 641 645
				B3V	705 719
126357	19.8	-59 17	9.2	B0,5II	480
126381	20.0	+06 04	7.6	G4III	38
126504	20.8	-45 41	5.9	Am	422
126515	20.9	+01 27	7.0	A2p	174 555
126516	20.9	-00 15	8.2	F3V	38
126525	20.9	-51 29	7.8	G5V	465 705
126598	21.4	+26 43	7.6	K4III	659
126660	21.8	+52 19	4.1	F6IV	41 45 529 758 v
				F6V	665
				F7V	65 71 106 112 156 224 287 288 295 653 677 714 725 726
126681	21.9	-17 57	9.3	G2V	253 462
126769	22.4	-29 03	5.2	B8IV	481 641 645 v
				B8n	705
126778	22.5	+29 02	8.1	G8IV	659
				K0III	253
216868	23.0	-01 47	5.0	G2III	53 106 299 645 714
				F9IV	362 v
126898	23.2	-16 31	8.3	F4V	38
126940	23.4	-59 52	9.4	B1,5II:	480
126970	23.7	+29 43	7.6	G5IV	659
126981	23.7	-44 53	6.0	B6IV+A1:	481
126983	23.7	-49 04	6.1	A0V+B	481 sb
126991	23.8	+24 59	8.8	G2V	659
127007	23.9	-04 29	8.1	F2III	38
127061	24.0	-64 17	9.6	B3V	480
127093	24.3	+26 18	7.0	MIII	659
127226	25.1	+84 17	8.3	S2,9e:	98 v
				Se	765
127227	25.1	+16 40	7.4	K5III	38
127317	25.5	-67 11	6.9	B3Vn	496 705
127356	25.8	-15 11	8.0	G5V	253 714 sb
127381	25.9	-50 01	4.4	B2IV	705
				B2V	456 719
127419	26.2	-27 17	7.5	A7V	711
127489	26.5	-63 46	8.9	B2Vne	495
127503	26.6	-61 57	9.2	B1V	480
127665	27.5	+30 49	3.6	K3III	53 65 71 101 106 145 178 259 299 469 475 479 535 714 758
127700	27.7	+76 08	4.4	K4III	53 101 106 259 479 535 714
127726	27.9	+27 08	5.9	A7IV-V	194
127762	28.1	+38 45	3.0	A7III	30 65 97 112 131 287 529 641 714 734 758 763 765 v

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	14h				
127824	28.4	+50 02	8.2	F4IV	38
127825	28.4	+06 44	8.1	F7V	38
127838	28.4	-60 22	9.1	B1II:	480
127871	28.7	+09 48	9.0	K2V	253 296 sb
127958	29.1	-60 32	9.3	B1V	480
127972/3	29.2	-41 43	2.4	B2Ve	645 sb
				B3III	175 456 483 641 719
				+A comp.	
				B3Vne	705
128033	29.5	-42 56	8.2	N	6 v
128027	29.5	-04 13	7.6	F8V	47
128072	29.7	-61 16	8.9	B2V	480
128089	29.8	-58 00	8.7	B2V:	480 486
128095	29.9	+28 55	8.1	K1IV	471 659
+25°2797	30.0	+24 49	9.3	G8III	659
128164	30.3	+70 41	8.2	F2IV	38
128165	30.3	+53 20	7.4	K3V	71 131 469 475 470 677
128167	30.3	+30 11	4.5	F2V	19 106 112 177 287 288 224 341 463 465 646 665 677 714 726 758 126 59
128185	30.4	+28 49	8.7	F8V	659
128200	30.5	-04 50	7.5	K0III	38
128266/7	30.8	-45 42	5.4	A1V	705 713 vb
128266	30.8	-45 42	5.4	K0III	457 705
128293	30.9	-67 47	6.7	B3Vne	496 705
128345	31.2	-49 00	4.0	B5V	456 705 713
128348	31.2	-64 15	9.0	B3V	480
128429	31.7	-11 53	6.2	F5V	62 287 645 665 725
				F6IV-V	253 296 714
128582	32.6	-46 09	6.1	F8IV-V	457 705 714
128585	32.6	-50 44	9.2	B3V	480
128620/1	32.8	-60 25	-0.2	G2V	439 444 449 641 645 646 714 sb
				G2V+K0V	439
				G2V+dK5	677
128674	33.1	-56 36	7.4	G5V	465 705
128684	33.2	-03 11	7.4	M2III	38
128775	33.7	-45 22	6.7	A0p	402
128842	34.1	-62 37	9.3	B7III:	480
	34.4	-64 32		K5V	713 sb
128898	34.4	-64 32	3.2	F0p	641 645 646 677 sb?
				Am+K5V	714
				Ap	516
				F0III	303 457 705
				F0V	287 299 665
				F0Vp	287 439 444 449 456 555
128902	34.4	+44 04	5.9	K2III	62
				K4III	145 178 253 469 475 479
128931	34.6	-28 53	7.8	F3V	457 705
128974	34.9	-35 43	5.8	A0(p)	402
129056	35.3	-46 58	2.2	B1III	175 456 476 641 719
				B1V	175 303 sb
				B2II	439 444 448 645 705
129078	35.4	-78 37	3.8	K5III	645
129092	35.5	-62 32	6.4	B3V:	496 705
129116	35.7	-37 21	4.0	B2V	705
				B3IV	476 481
				B3V	175 456 596 719
129174	36.0	+16 51	4.9	B9p	81 555 v
				B9p+Am	714
				B9IIIp	194
				B8p	174
				A0p	733
129175	36.0	+16 51	5.8	Am	555 714 194 v sb?
129178	36.0	-28 56	8.1	F6V	457 705
129209	36.2	+30 57	7.9	G2IV	38
129225	36.2	-62 51	9.6	B1III	480
129245	36.4	+80 06	6.3	K3III	253 471 509 714
129246/7	36.4	+14 09	4.8	A2n	287 sb
				A2III	194 474 714
129290	36.7	+14 02	8.4	G2V	253 658
129312	36.8	+08 35	5.0	G8III	53 101 106 469 475 479 535 714 v
129336	36.9	+12 05	5.6	G8III	145 253 469 475 479 714
129357	37.0	+29 30	7.9	G2V	659
129391	37.2	+18 55	7.6	G7III	38
129412	37.3	+24 57	7.6	F7V	659
129422	37.3	-62 26	5.4	A7Vn	457 705
129456	37.5	-34 44	4.1	K5III	645
129502	37.8	-05 13	4.0	F3IV	299 641 646 645 112
				F5IV	106 714 726
129557	38.0	-55 10	6.1	B2IV	456 705
+6°2932	38.4	+06 15	10.5	G6V	253 296
129642	38.5	-49 28	8.4	K3V	465 705
129723	39.0	-87 45	6.5	F0III	465 645 705
129735	39.1	-46 22	8.7	F2V	711
129740	39.1	-65 15	7.6	B5III	496 705
129747	39.2	-45 27	8.5	G2V	457 705
129798	39.5	+61 41	6.2	F2III	458 474 714 27 sb
				F2V	71 305
129868	39.9	+08 07	8.3	G5III+F0V	313 sb
129893	40.0	-51 57	5.2	G6III	645
129926	40.2	-25 01	5.5	F0III+G3	108
129954	40.3	-66 10	6.0	B2V	476 481 705
129972	40.5	+17 23	4.4	K0III	53 101 106 156 469 475 479 653 714
129981	40.5	-31 46	7.8	G5pI-III	682 765 v
129988/9	40.6	+27 30	2.8	K0II-III	145 178 sb
				K0II-III	
				+A2V	391
130021	40.7	-68 31	6.6	B3III	496 705
130109	41.2	+02 19	3.8	A0V	65 71 78 81 94 172 185 224 287 289 299 472 641 665 705 714 725 732 734
130145	41.4	+10 04	7.3	G2V	253 714
130155	41.5	+14 56	7.3	M1III	38
130158	41.5	-25 12	5.7	A0p	555
130215	41.8	+27 56	9.1	K2V	659
+17°2785	41.8	+16 57	9.5	K5V	253 296 677 714
130259	42.0	-25 40	5.4	G5III	645
130265	42.0	-58 42	8.5	G3V	465 705
130274	42.1	-26 13	5.6	B9V	456
130298	42.2	-56 00	9.2	O7,5	495
130342	42.5	+18 45	8.0	F4V	38
130500	43.5	+25 53	8.6	G8II-III	659
130534	43.7	-51 51	8.7	B5V:	480
130551	43.7	-60 31	7.2	F8V	465 705 714
130559	43.8	-13 44	5.4	A0p	174 sb?
				A0p+A6p	555
130612	44.0	-60 05	8.9	B3V	480 486
130669	44.4	+10 39	8.6	K2V	253
130701/2	44.5	-63 23	5.8	G3II+B8?	422
130766	44.9	+25 35	8.4	K3II	659
130768	44.9	+10 37	7.5	G9III	38
130807	45.1	-43 09	4.5	B6III	175 456 476 596
				B6V	719
				B8V	465 705
130818	45.2	+23 27	7.0	F5III-IV	682 v
				F6IV	47 765
130819	45.2	-15 35	5.3	F5IV	45 287 645 665
				F5IV-Vw	106
130841	45.3	-15 38	2.9	Am	439 555 641 758 449
				A3IV	645 sb
				A3V	78 287 299 705 665
130871	45.5	+07 15	9.4	K2V	253 296
130893	45.6	+58 29	8.2	F3IV	38
130917	45.7	+29 01	5.7	A3III	194
130952	45.8	-01 53	5.0	G8III-IV	53 106 253 714
				G8+III-	62
130991	46.0	-20 12	7.5	G7III	38
130997	46.0	-45 10	9.5	K0IV	705 713
131058	46.3	-65 35	6.0	B4V	481
				B5Vn	456
				B5n	705
131078	46.4	-46 13	8.1	G5V	465 705
131111	46.6	+37 40	5.5	K0III-IV	53 101 106 253 469 475 514 535 714 62

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	14h				
131120	46.6	-37 23	5.1	B6V	481
131156	46.8	+19 31	4.5	G8V	156 341 342 469 470 475 479 646 653 726 758 27 vb
				G8V,K4V	145 178
				G8V,K5	96
				G8V+dK5	295 259 285 677
131168	46.8	-45 26	7.0	B3Ve	465 705
131169	46.8	-46 12	10.7	Se	259 v
131271	47.5	-08 17	8.1	F6V	38
131334	47.9	+19 09	8.3	G0V	253
131342	47.9	-59 42	5.2	K1III	457 705 714
131492	48.7	-62 22	5.3	B3Vne	456 476
131507	48.9	+59 42	5.7	K4III	145 253 469 475 479 714
131509	48.9	+28 55	9.2	K0V	659
131511	48.9	+19 34	6.0	K1V	156 178 653
131562	49.2	-52 24	5.8	A2V	481
131582	49.4	+23 45	8.8	K3V	253
131657	49.8	-47 28	6.0	B9V	481
131747	50.3	+15 23	7.0	K0III	100
131873	51.0	+74 34	2.2	K4III	53 71 82 101 106 131 145 149 178 187 259 287 299 479 535 665 714 v
				K5III	758
131918	51.3	-11 00	5.6	K4III	645
131951	51.5	+14 51	5.8	B9,5V	194
131958	51.5	-16 07	8.3	F1V	38
131972	51.6	+24 48	8.1	K2III	659
131976/7	51.6	-20 46	8.8	K5V	178 195 645 vb
132029	51.9	+32 43	6.1	A3V	194
132052	52.0	-03 56	4.6	F0IV	112 299 714
132058	52.0	-42 44	3.0	B2IV	175 483 510 sb
				B2IV-V	439
				B2V	175 444 456 476 641 645 705 719
132132	52.4	+00 14	5.7	K1III+G5IV	313 714
132142	52.5	+54 04	7.9	K1V	253 296 714
132145	52.5	+21 57	6.2	A1V	194 714
132200	52.7	-41 42	3.0	B2III	175 456 sb
				B2V	175 439 448 483 641 645 705 719
132256	53.0	+25 43	7.3	G2IV	659 v
132301	53.2	-43 24	6.6	F5V	457 705 714
132304	53.3	+25 05	7.2	K3III	659
132322	53.3	-63 32	7.1	A6p	555
132343	53.5	+14 25	6.8	K3III	100
132345	53.5	-10 44	6.1	K3pIII-IV + G8V	391
132481	54.2	-55 52	6.8	B2Vn	496 705
132524	54.5	+25 27	8.7	K0III	659
132679	55.3	+15 14	7.2	K2III	100
132737	55.6	+27 33	9.0	K0III	659
132739	55.6	+13 43	8.3	F0p:	100
132785	55.8	-48 08	9.3	F0Vn	465 705
132883	56.4	-02 46	6.8	K1IV:K0V	313
132955	56.8	-32 15	5.2	B4IV	175 456 476
				B5V	175
133029	57.2	+47 40	6.2	A0p	174 555 v
133089	57.5	+15 41	8.9	K2III	100
133110	57.6	+15 29	8.5	F0III	100
133124	57.7	+25 24	4.9	K4III	53 101 106 469 475 479 535
133126	57.7	+14 59	9.9	G5V	100
133161	57.9	+16 26	7.0	G0V	100
133163	57.9	+13 51	8.3	K2III	100
133165	57.9	+02 28	4.6	K0III	53 101 106 469 475 535 705 714
133189	58.1	+15 26	9.2	F2III	100
133190	58.1	+14 39	9.2	F8V	100
133208	58.2	+40 47	3.6	G8II-III	53 469 475 479
				G8III	71 101 106 131 299 535 714 758
133216	58.2	-24 53	3.4	M4III	645
133242/3	58.3	-46 40	4.7	B3V	486 705 vb
				B5IV	456 476 719

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	14h				
133332	58.8	-02 28	10.1	R5	308
				R6	6
133371	59.0	+14 24	10.6	K5III	100
133385	59.0	-71 55	6.8	B2Vnk	486 496 705
133459	59.5	+27 28	6.9	K4III	659
133460	59.5	+26 25	7.9	F7V	38 287
				F8V	659
133461	59.5	+15 09	9.2	K2III	100
133485	59.6	+34 56	6.3	G8III-IV	117
133487	59.6	+14 01	7.9	K2III	100
133518	59.8	-51 39	6.5	B3III	486 496 705
	15h				
133582	00.2	+27 20	4.7	K2III	53 101 106 469 475 479 535 714
133612	00.3	-47 36	8.9	K0V	465 615 705
133623	00.4	+15 27	10.5	G2V	100
133644	00.5	-00 55	8.1	F7V	38
133652	00.5	-30 32	6.0	A0p	402
133774	01.1	-15 52	5.3	K5III	53 299 714
				K4III	149
133792	01.1	-63 16	6.4	A0p	402
133822	01.3	-45 11	7.7	G5IV+G5IV	715 sb
133857	01.6	+15 45	9.8	K5III	100
133880	01.7	-40 12	6.0	A0p	402 555
133922	02.0	+26 49	8.3	K4III	659
133937	02.0	-42 29	5.8	B6V	175 456
				B7Vnn	175 596
133955	02.1	-44 54	4.1	B3IV	456 476 596 719 sb
				B3V	175 465 596 705
+30°2611	02.7	+30 23	9.1	G8III	253
134060	02.7	-61 03	6.3	G3IV	457 705 714
+23°2775	02.8	+22 57	7.7	G4III	38
				G5III+ G8III	62 253
134064	02.8	+18 50	6.0	A2V	194
134083	02.9	+25 16	5.0	F5Vw	45 106 112 224 458 665
				F5V	287 288 463 474 677 714 763 27
134088	02.9	-07 31	8.1	G0V:	62
				G2V	253
134113	03.0	+09 16	8.3	F9V	253 296 462
+25°2874	03.1	+25 18	10.3	K7V	253 296 677
134152	03.2	+14 44	9.5	G0V	100
134190	03.4	+54 56	5.2	G8III	53 101 106 469 475 535 714
134228	03.6	+10 30	7.9	F8V	38
134246	03.7	+28 53	7.4	G8III	659
134282	03.9	+27 05	8.0	G8II	659
134305	04.0	+12 52	7.2	A7p	100
134330	04.1	-43 20	8.0	K0IV-V	705 713
134331	04.1	-43 21	7.0	G5V	457 705 714
134439	04.8	-15 53	9.1	K0VI	195 253 296 462 646
134453	04.8	-69 42	8.2	N	6 v
				Nb	765
134481/2	05.0	-48 21	4.4	B8,5V	705
				B8,5V+A0	714
				B9V	641 645
134493	05.1	+50 27	6.1	K0III	117 714
134505	05.1	-51 43	3.5	G8III	645 705 714
				K0III	641
-59°5568	05.7	-59 57	12.0	N	765 v
134630	05.8	-12 41	7.5	G7III	38
134646	05.9	+63 30	6.8	F4III	314 712 sb vb
134657	05.9	-60 58	6.5	B5V	495 705
134680	06.1	+27 48	8.1	G8III	659
134687	06.1	-44 08	5.2	B3III	456 476 sb
				B3V	705 719
134759	06.5	-19 25	4.7	B9IV	555 641 705 v sb?
				B9p	758
				Ap	645
134783	06.6	-53 46	9.2	B2:Vp	480
134793	06.7	+08 54	8.2	A3p	174 555
134844	06.9	-57 59	9.1	B2V	480
134877	07.1	-59 28		WR	321
	07.7	-58 40		WR	321

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	15h				
135101	08.3	+19 40	6.4	G5V	253 296 vb
				G5V+dG6	459 714 108:G5p+G8
135145	08.5	+28 19	8.0	GOV	659
135153	08.5	-31 09	5.0	FOI	645
135160	08.5	-60 32	6.0	B1V	481
				B1Ve	476
-3°3746	08.6	-03 26	9.8	K4V	253 296
135204	08.8	-00 58	6.6	G8V	106 156 287 295 551 653 62
				KOV	253 296 677 714
135240	08.9	-60 35	5.4	O8n	481
				O8,5	133
				O9V	495 705
135263	09.1	+23 22	6.2	A2V	194 714
135264	09.1	+14 50	8.4	GOV	100
135297	09.3	+00 44	8.0	AOp	174 555
135345/6	09.5	-41 08	5.2	G5Ia+B	422
135379	09.6	-58 26	4.1	A3IV	456 714
				A3V	287 457 641 645 705 714
135382	09.6	-68 19	3.0	AOV	439 440 444 449 555 645 705
135485	10.2	-14 19	8.3	B5p	217
135502	10.3	+29 32	5.3	A2V	194 714
135591	10.8	-60 08	5.3	O9I	133
				O9Ib	132 486 278
				O9II	481
135633	11.0	+22 55	8.1	GOV	38 287
135722a	11.5	+33 41	7.8	GOV	65 67 71 287 391 714 v
				G8III	475
135722b	11.5	+33 41	3.5	G8III	53 66 67 71 101 106 131 178 185 287 299 469 479 535 665 714 758 65 v sb
				G8III+	145 391
+30°2637	11.5	+30 08	9.7	RO	308
135730	11.5	-40 42	6.3	Am	422 555
135737	11.5	-67 07	6.3	B3V	476 481 705
135742	11.6	-09 01	2.6	B8V	22 65 71 78 81 94 172 287 289 468 584 641 645 705 714 732 734 758
				(B8V)	439 444 529 646
135876	12.4	-40 26	6.0	BOV	705
				B9V	456
136003	13.1	-55 46	6.7	B2III	481
136010	13.2	-08 02	7.6	K1I1-III	38
136064	13.5	+67 44	5.2	F8V	53 106 131 156 253 287 653 665 687 714 736
136161	14.0	-01 48	8.9	A3V	253 658
+83°442	14.1	+83 08	10.0	RO	308
136175	14.1	+32 01	7.8	B7V	125 v sb
136202	14.2	+02 09	5.0	F8III-IV	62
				F8IV	45 287
				F8IV-V	67 185 362 513 515
				F8IV-Vw	106 156 253 296 653 665 714 725
136231	14.4	+26 09	9.3	GOV	659
136239	14.4	-58 48	8.0	B2I	495
				B2Ia+	132 486
136257	14.6	-08 17	7.6	F9V	253 714
136274	14.7	+26 04	8.0	G8V	117 253 296 659
136298	14.8	-40 17	3.2	B3IV	175 456 641 719 v
				B2IV	175 439 483 645 705
136347	15.1	-37 52	6.6	AOp	402 555
136352	15.1	-47 57	5.7	G2V	457 677 705 714
136403	15.4	+32 54	6.1	Am	629 194
136422	15.5	-35 54	3.6	K5III	645
136471	15.7	-58 47	9.2	B1,5II:	480 486
136468	15.8	-62 19		WC8	132 321
				W	495
136504	15.9	-44 20	4.0	B3IV	456 476 481 719 sb
				B3V	439 705

HD. or D	1900 α	1900 δ	m	Sp	Bibliography
	15h				
136512	16.0	+29 59	5.6	KOIII	253 469 475 714
136514	16.0	+01 04	5.5	K3III	53 106 469 475 714
136556	16.2	-49 46	9.7	Bnne	480
136664	16.8	-36 30	4.7	B3IV	175 456 641 719
				B3V	175 483 645 705
136711	17.1	+18 48	7.6	K3II-III	38
136726	17.2	+72 11	5.1	K4III	53 101 106 469 475 535
136801	17.5	-14 47	6.7	MOIII	645
136831	17.7	+12 56	6.2	B9,5V	194
136834	17.7	+01 47	8.4	K3V	253 296
136849	17.8	+33 17	5.3	B9V	194
136866	17.9	-16 13	7.6	K4II-III	38
136901	18.1	+25 59	7.4	K1III	659
136927	18.2	+06 24	8.1	F6-IV	38
136933	18.2	-39 22	5.4	AOp	555
137003	18.6	+28 24	7.5	G8III	659
137006	18.6	-00 40	6.2	FOV	645 714 27
137052	18.8	-09 57	5.1	F5V	45 47 106 287 665 714 725 sb
137058	18.8	-38 22	4.6	AOIV	456 705 714
137107/8	19.1	+30 39	5.0	GOV	45 156 287 469 653 vb
				G2V	27 295 677 (G2V+G2V)108
137387	20.6	-72 02	5.8	B3IV	481 641
				B3IVe	645
				B5ne	705
137391	20.7	+37 44	4.3	FOV	112 472 714
137405	20.7	-60 27	9.2	B2II	480
137422	20.9	+72 11	3.1	A2p	594 v sb
				A3II-III	22 81 131 287 529 687 714 734 758
137432	20.9	-36 25	5.5	B4V	175 456 476
				B5V	175 596
137471	21.2	+15 47	5.4	M1III	253
137569	21.7	+15 03	7.9	B5III:	495
137603	21.8	-58 14	10.4	WC8+BO	480
				WNp	321
137613	21.9	-24 49	7.5	RO	6
				R2	308
				R3(Cl_2)	1
137628	21.9	-74 00	8.9	K5V	705 713
137676	22.2	-49 36	7.6	G5V	465 615 705
137688	22.3	+28 28	7.6	K3III	659
137704	22.4	+34 41	5.9	K4III	145 253 459 469 475 714
137719	22.5	+44 39	7.4	K5III	38
	22.6	+01 03	11.4	R4	6
137744	22.6	-16 22	5.9	K5III	645
137759	22.7	+59 19	3.2	K2III	53 65 71 101 106 145 178 185 287 299 469 475 479 535 665 714 758
137826	23.1	+66 54	8.7	G6V	253
RV TrA	23.6	-62 13	12.0	Np	765
137909	23.7	+29 27	3.7	A8III	734 sb
				FOIII	97
				FOp	112 174 299 555 714 758
137937	23.8	-52 33	8.5	B5V:	480
137945	23.9	+22 49	8.3	F3V	38
137949	23.9	-17 05	7.2	FOp	174 555
138085	24.7	+16 44	6.4	G8III-IV	117
+31°2738	24.8	+31 21	8.8	G8V+K2:V	313
138156	25.2	+27 26	8.5	G5III	659
138232	25.7	+25 51	7.9	K4III+K2III-	313
138289	26.0	-77 35	6.0	K2II	705 713
138341	26.4	+31 39	6.3	Am	555
				A5V	194 714
138367	26.6	+57 47	6.9	F6IV-V	253 714
+65°1055	26.7	+65 40	10.1	R5	308
138413	26.8	-19 20	5.5	Am	422 555
138481	27.3	+41 10	5.2	K5III	53 106 259 469 475 714 27
138485	27.3	-16 31	5.4	B2V:	495 692
				B2Vnn	175 596 598
				B3III	175 456

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	15h				
138527	27.6	+16 24	6.1	B8V	194
138538	27.6	-65 59	4.1	KOIII	645
138549	27.7	-30 41	8.0	G5V	457 705 714
138679	28.4	-60 13	8.6	B2III	480 486
138690	28.5	-40 50	2.7	B2Vn	175
				B3V	175 439 444 456 476
					719
				B3Vn	465 705
138716	28.7	-09 43	4.8	K1III	53 101 178 253 299
					645 714 106
				K1IV-	145
138729	28.7	-58 14	8.5	B2V:	480
138749	28.9	+31 42	4.2	(B5)V	584 729
				B7n	719 132:B8s
				B7nne	118
				B7nn	105
138764	29.0	-08 51	5.1	B6IV	175 456 476
				B6IV-V	129
				B6IV-V δ	
				B7IV:	424
				B7IV:	175 596 598
138769	29.0	-44 37	4.6	B3IV	175 456 705 719 sb
				B5IV	175 596
138800	29.2	-73 07	5.6	B8s	705
				B8IV	481
138816	29.3	-44 04	5.5	MOIII	645
138905	29.9	-14 27	4.0	G8III	645
				G8III-IV	53 106 199 705 714
138917	30.0	+10 53	4.2	FOIV	112 714
139006	30.5	+27 03	2.2	AOV	22 30 65 71 81 131 27
					181 194 195 208 287
					289 299 305 444 449
					474 483 529 641 665
					714 725 734 758 765
139007	30.5	+25 20	8.8	F8V	659
139063	30.9	-27 48	3.8	K5III	645
139094	31.1	-26 10	7.2	B8IV	175 219
139127	31.3	-42 14	4.4	MOIII	457 705 714
139129	31.3	-52 02	5.4	B9V	481 641 645
139160	31.5	-25 57	6.0	B8V	175 219 596
				B9IV	476 481
139195	31.7	+10 21	5.4	KOp	53 106 469 475 479
					714
139314	32.3	-57 44	10.6	B2:Ve	480
139319	32.4	+64 14	8.2	A5+KOIII	125 765 sb
				A6V+K2IV	104
139365	32.6	-29 27	3.6	B2,5V	175 483 598
				B3V	219 439 705
				B4V	175 456 476 719
139446	33.1	-18 58	5.4	G8III	253 714 v
139457	33.2	+10 35	7.1	F6V	253 714
139465	33.2	-44 42	7.4	K4III	465 705
139486	33.3	-19 24	8.0	B9,5V	175 219 596
139550	33.7	+25 57	8.5	G8III	659
139608	34.0	+24 51	7.1	MIII	659
139641	34.2	+40 41	5.4	G8III-IV	253 714
				G8IV	53 101 106 469 475
					479 535
139664	34.3	-44 20	4.6	F2IV	456 457 714
				F5IV-V	457 677 705 714
139669	34.4	+77 41	5.3	K5III	53 106 479 714
139749	34.8	+26 04	8.9	GOV	659
139777/813	35.0	+80 47	6.5	GOIV-V	
				+G8IV-V	313 vb
139784	35.0	-16 25	8.3	F1IV	38
139798	35.1	+47 08	5.8	F2V	714 27
139815	35.2	+29 56	10.1	A8V	104 sb
139862	35.4	+12 23	6,3	G8II-III	
				+F3V	313 sb
139891	35.6	+36 58	6.0	B6V	194 vb
139892	35.6	+36 58	5.1	B7V	194 vb
139961	36.0	-44 37	8.9	AOV	457 705
139997	36.2	-19 21	5.0	K5III	53 472 645 705 714v
140008	36.3	-34 23	4.8	B5V	705
				B6V	175 456 483 719
140027	36.4	+16 21	6.0	G5III	458 474 714 27
140159	37.1	+20 00	4.5	A1V	65 71 194 714 732

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	15h				
					734 sb
140160	37.1	+13 10	5.3	Ap	516 v
				A0p	174 346 368
140164	37.1	-15 42	7.0	F7IV+F7V	313 sb
140283	37.7	-10 36	7.2	A8V	62 v
140336	37.9	-58 38	9.7	Bpe	480
140385	38.2	+29 57	8.6	G2V	659
140417	38.4	-15 21	5.6	Am	555
140436	38.6	+26 37	3.9	A0III	665 732 sb
				A0III-IV	81 287 714 734
				A0IV	131 194 665
140438	38.6	+13 59	6.4	G8III-IV	117 714 sb
140489	38.8	+02 44	7.6	G8III	38
140514	38.9	+22 01	7.9	G2IV	38
140543	39.1	-21 30	8.5	B0,5III	175 219 596
140573	39.3	+06 44	2.7	K2III	53 65 71 78 94 101
					106 131 145 185 196
					259 287 299 469 475
					479 518 535 641 646
					665 714 725
				K2III-IV	758
140605	39.4	-51 50	7.2	B5Vnn	496 705
140690	39.9	-42 55	8.1	G5IV	457 471 705 714 sb
140700	40.0	+16 50	7.4	K5II-III	38
140728	40.2	+52 40	5.5	A0p	555
140729	40.2	+17 35	5.9	A0V	194
140775	40.4	+05 46	5.7	A2V	714 27
140784	40.4	-34 22	5.6	B6Vn	456 v
				B9n	705
329905	40.7	-48 19	10.4	09I	480 486
330345	56.6	-49 36	10.3	B0,5V	480 486
140901	41.0	-37 36	6.0	G6V	457 677 705 714
140913	41.1	+28 47	8.8	GOV	659
141003a	41.6	+15 44	3.7	A2IV	67 81 94 194
					287 299 456 458 474
					646 714 734 758 vb
141003b	41.6	+15 44	10.0	A2IV	529 665 27
141004	41.6	+07 40	4.4	GOV	45 65 71 78 94 106
					112 131 156 177 195
					287 288 341 469 535
					597 646 653 665 677
					714 726 v
				GO,5V	154
				G2V	30 340 758
141168	42.5	-52 54	6.0	B8V	476 481
				A0n	705
141176	42.6	+25 23	9.1	G2IV	659
141187	42.6	+14 25	5.7	A2V	194 714
141247	43.0	-04 29	7.9	F9V	38
141318	43.3	-54 45	5.7	B2III	456 476 705
141404	43.8	-20 28	7.4	B9V	175 219 596
141513	44.4	-03 07	3.6	B9V	641 645 705
				A0V	81 472 714 732
141522	44.4	-59 48	9.7	B0,5Ia	480
141544	44.5	-46 46	6.0	K1IV	711
141556	44.6	-33 19	4.7	B9IV	645 705 sb
				A0III	476
				A0III-IV	456
				A0IV	641
141637	45.0	-25 27	4.3	B2V	219
				B2,5Vn	175 483 596 598
				B3V	75 456 476 705 719
141675	45.2	+55 41	5.8	Am	516 555 714 sb
141680	45.2	+02 30	5.3	G8III	53 106 469 475 714 27
141690	45.3	+25 46	8.4	GOIV	659
141702	45.3	-42 17	8.3	GOIV-V	705 713
141714	45.4	+26 23	4.7	G5III-IV	53 106 259 469 475
141767	45.6	-68 19	5.2	cG6	705
141774	45.7	-20 16	7.3	B9V	175 219
141795	45.8	+04 47	3.8	Am	25 81 185 289 299
					472 516 555 714 758
141826	45.9	+39 52	7.3	Ne	6 v
				N2($C6_3$)	1
				N2e($C6_2$)	765
				$C6_3$e	259

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	15h				
141891	46.3	-63 07	3.0	FOV	456 646 714
				F2V	439 440 449 444 641
				F2IV	457 645 677 705 714
141992	46.9	+21 17	4.9	K5III	53 106 469 475 479 714
142022	47.0	-83 57	7.7	KOV	705 713
142049	47.2	-59 53	6.0	Am	422 v
142053	47.3	+25 37	7.9	K1II-III	659
142091	47.5	+35 59	4.8	K0III-IV	53 101 106 469 475 299 479 535
142096	47.5	-19 52	4.7	B3IV	641 v sb
				B3V	105 172 175 219 483 598 645
142105	47.6	+78 06	4.3	A3V	81 v
142114	47.6	-25 82	4.3	B2,5Vn	175 596 598
				(B3V)	219 705 719
				B3Vn	175 456
142139	47.7	-60 11	5.8	A1V	476 481 705
142165	47.9	-24 15	5.2	B6V	172 175 219 596 598
				B6Vn	175 456 476
142176	48.0	+30 11	7.4	K5III	38
142184	48.0	-23 41	5.0	B2Vnn	175 219 596 598
				B3Vne?	175 456 476
142185	48.0	-23 41	4.9	B2Vnn	172
142198	48.1	-16 27	4.3	G8III-IV	53 106 714
				K0III-IV	253 705
142209	48.2	+28 54	8.1	K3III	659
142243	48.4	+29 13	7.8	K3III	659
142250	48.4	-27 03	6.0	B7V	175 219 476 481
				B9V	596
142254	48.4	-42 19	6.7	FOV	457 705
142267	48.5	+13 31	6.2	G2V	253 296
142301	48.7	-24 57	5.9	B7IV:	175 219 596 598
				B8IV	481
142315	48.8	-22 29	6.7	B9V	175 219 596 598
142373	49.2	+42 44	4.6	F8V	45 736
				F9V	65 71 106 112 131 156 196 253 287 288 296 653 665 677 714 725 726
				G0IV	15 41
142378	49.2	-19 06	5.5	B5V	175 219 481 596 598 sb
142418	49.4	+29 46	8.3	K1III	659
142468	49.6	-54 03	7.9	BO,5I	495 692
142529	49.9	-47 51	6.3	F2V	457 705 714
142565	50.1	-54 07	9.0	BOI	495 692
				BOIb	132 486
142574	50.2	+20 36	5.8	K4III	145 253 459 469 475 714
				M0III	714 62
142575	50.2	+05 23	8.6	FOV	253 658
142634	50.5	-54 04	9.0	BO(II)p	132
142669	50.7	-28 55	3.8	B2V	79 80 172 175 219 439 483 596 598 705
				B3IV	175 456 719
142709	50.9	-42 20	8.1	K5V	465 705 714
142758	51.1	-58 27	8.1	B1I	717
				B1Ik	486 496 705
142763	51.2	+18 55	6.2	B7III	194
142805	51.4	-21 11	7.0	B9V	175 219
142846	51.7	+15 02	8.1	F2IV	47
142860	51.8	+15 59	3.9	F6IV	41 45 78 758
				F6IV-V	253 296 677
				F6V	65 94 106 112 156 177 185 287 288 362 653 665 714 725 726 763 71
				F7V	736
142883	51.9	-20 41	5.9	B3V	481 596
				B3:V	175 219 598
142898	52.0	+27 20	8.0	K1IV	471 659
142926	52.2	+42 51	5.6	(B8)V	584
142929	52.2	+25 28	9.0	F8V	659
142980	52.6	+14 42	5.7	K1IV	145 253 469 471 475 714

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	15h				
142983	52.6	-13 59	4.8	Bp shell	105 175 598 645 719
				Bpe	118 v 132:B3n
				Aep	705
RY Lup	52.7	-40 05	9.9	G0V:	682 765 v
142990	52.7	-24 32	5.4	B3:V	175 219 596 598
				B8V	476 481
143009	52.7	-41 27	5.1	G8III	645
143018	52.8	-25 50	2.7	B1V	74 172 175 219 251 483 598 641 645 sb
				B2IV	175 439 444 456 529 705 714 758
143104	53.3	-66 16	9.2	B2V	495 692
143107	53.4	+27 10	4.2	K3III	53 65 71 94 106 177 178 185 299 469 479 535 597 714 758 101
143118	53.4	-38 06	3.4	B2IV-V	439
				B2V	175 481 705
				B3V	175 456 719
143120	53.4	-45 09	7.5	G5IV	465 705 714
143138	53.5	-47 36	8.7	G6III	465 705
143234	54.1	-45 04	8.7	AOV	465 705
143271	54.4	+27 09	8.8	G8III	659
143272	54.4	+26 49	8.6	K0II-III	659
143275	54.4	-22 20	2.5	B0IV	439 444 705 758 sb
				B0V	74 135 172 175 219 251 481 483 529 598 641 645 719 729
143291	54.5	+28 01	9.0	K0V	253 296 659
143313	54.6	+25 52	8.3	K2V	659
143314/5	54.6	+22 05	8.7	K4II-III +A7IV,V	
				+A7IV,V	313 vb sb
143333	54.7	-16 14	5.5	F8V	253 296 645
143393	55.0	+29 44	7.1	K2III	253
143414	55.0	-62 24	9.2	WN6	321 646
143448	55.2	-60 13	6.8	B3IV	481
143463	55.3	-42 24	6.9	F6V	711
143464	55.3	-44 23	10.6	G3V	705 713
143466	55.4	+55 02	5.0	F0IV	112 714
143474	55.4	-57 29	4.6	Am	287
				A5V	457 705
	55.7	+37 15	14.4	K3III	65 475
143567	56.0	-21 42	7.2	B9V	175 219 596 598
143584	56.2	+50 10	5.9	F0IV	47
143600	56.3	-22 24	7.7	B9V	175 219 596
143666	56.7	+18 06	5.3	K0III	53 101 106 253 469 475 535 714
143688	56.8	+24 44	8.7	F6V	659
143699	56.8	-38 19	4.9	B3V	705 719
				B5IV	481
				B5V	175 456
				B7IV	175 596
143705	56.9	+29 13	8.7	G0V	659
143761	57.2	+33 37	5.4	G0V	665 725
				G2V	253 287 296 469 475 665 714 106
143807	57.4	+30 07	4.9	A0p	174 555 v sb
				A0II-IIIp	194
				A0III	81 131 665
				A0V	44
143840	57.6	-04 32	8.2	F1V	38
143894	57.9	+23 04	4.8	A3V	81 194 sb
143939	58.1	-39 09	7.2	B9p	402
144046	58.8	+05 16	6.0	G9III	117
144069/0	58.9	-11 06	5.1	F5IV	112 299 714
				F6IV	45 156 287 653 665
144087/8	59.0	-11 11	7.5	G8V+KOV	313
144197	59.5	-44 54	4.8	Am	422 472 516 645 714
144206	59.6	+46 19	4.6	B9p	81 131
144217	59.6	-19 32	2.9	BO,5IV	30 439 529 758 v sb
				BO,5V	65 74 174 219 251 287 598 645 705 729
				BOV	641 719
				B1V	175 456
144218	59.6	-19 32	4.9	B2V	65 105 175 219 287 719
				B3V	481 v

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	16h				
144284	00.0	+58 50	4.1	F8IV	45 529 530 758 sb
				F8IV-Vs	106
				F8IV-V	65 116 156 287 653 665 714 725 112
144287	00.0	+25 30	7.1	G8V	253 296 469 475 659 714
				G9V	117
144294	00.0	-36 32	4.1	B2Vn	175
				B3IVn	481
				B3IV	175 456 645 719
				B3V	287 641 705
144320	00.1	-54 51	9.1	B2Ve	495
144334	00.2	-23 20	5.9	B8V	481
				B9:III	175 219 596 598
144470	01.0	-20 24	3.4	B1V	74 175 219 251 483 596 598 646 705 719
144480	01.0	-57 40	5.7	B9V	481
+67°922	01.1	+67 05	9.1	K1IIIpe	204 v
144492	01.1	-04 30	8.0	F4V	38
144515	01.2	+10 57	8.3	G8V	253 714 sb
				K0V	652
144578	01.5	+50 46	7.8	Nep	6 v
				$C7_2e$	259 1
144628	01.7	-56 11	7.1	K3V	457 677 705 714
144639	01.8	-12 52	8.2	F3III	38
144647	01.8	-49 21	10.3	O8	480 486
144661	01.9	-24 11	6.2	B7IV:	175 219 596
				B7V	481
144695	02.0	-49 41	9.8	O9V	133
144844	02.8	-23 25	5.8	B9V	175 219 596 598 v
144872	02.9	+38 56	8.6	K3V	253 296 463 677 513 515
144889	03.0	+22 06	6.1	K4III	253 714
144892	03.0	-09 50	6.5	F7V	456 sb
144899	03.0	-47 39	9.0	G5IV	465 705
144900	03.0	-48 42	9.7	O9III	133
				O9V	480
144918	03.1	-48 47	10.3	O7	480 486
144955	03.4	+58 26	8.2	F1IV	38
144966	03.4	-46 43	10.3	O9,5V	480
144969	03.4	-48 32	8.4	B0,5I(a)	132 133 486
144970	03.4	-48 45	9.9	B0Ve	480
145000	03.6	+17 20	6.5	K2III	475
145001	03.6	+17.19	5.3	G8III	53 106 178 287 469 475 714
145059	03.8	-16 55	8.0	G1V	38
145102	04.1	-26 39	6.7	B9V	596
				B9Vp	175 219
145122	04.2	+17 30	6.1	A0V	194
145148	04.3	+06 41	6.0	K0IV	145 178 253 296 469 471 475 479 714
				K1+III-IV	62 287 665
145153	04.3	-12 37	7.6	G8III	38
145158	04.3	-45 04	6.6	F8V	457 705 714
145206	04.6	-03 12	5.4	K4III	53
145217	04.6	-50 03	10.0	O8	480
145328	05.3	+36 45	4.9	K0III	44 71 101 106 131 469 479 535 v
				K0III-IV	53 145 178 253 287 299 475 714
145353	05.4	-26 53	6.8	B9V	175 219
145366	05.4	-78 27	4.8	M4III	472
				M4III:+	
				K5III	391
				M5III	645
145374	05.5	+27 14	8.3	K1III	659
145389	05.6	+45 12	4.3	A0p	287
				B9p	81 555 714 733
				B9pIII	584
145397	05.6	-54 22	5.1	G4III	645
145404	05.7	+26 16	7.7	G0V	38 659
145417	05.7	-57 16	7.3	G5	287
				G5V	677
				K0V	457 463 705
145457	06.0	+27 01	6.6	G9III	117
				K0III	659
145458	06.0	+25 45	7.5	G8II-III	659
145482	06.1	-27 40	4.4	B2V	479
				B2,5V	172 598
				B2,5Vn	175 483 596
				B3V	705 719
				B3Vn	175 456 476
145483	06.1	-28 09	5.7	B9V	175 219 v
145501	06.2	-19 12	6.1	A0IV	481
145502	06.2	-19 12	4.3	B2IV?	105 719
				B2IV-V	175 219 596 598
				B3IV	481
				B3V	175 456 719
145544	06.4	-63 26	3.8	G2II	440 457 641 645 705
145554	06.5	-19 19	7.7	B9V	175 219 596 598
145570	06.5	-09 48	4.9	Am	472 516 555 705
				A2V	81 714
145631	06.9	-19 14	7.5	B9,5V	175 219 596 598
145647	07.0	+16 56	5.9	A0V	194
	07.0	+12 20	11.2	O7	84
145710	07.3	+62 45	8.2	F0V	38
145748	07.5	-14 51	7.4	M0III	38
145777	07.6	-14 57	10.7	B4	6
145782	07.6	-57 39	6.1	A0IV	481
145792	07.7	-24 10	6.3	B6V	481
				B7IV	175 219 596 598
145828	07.9	-50 44	10.3	B0,5III:	480
145846	08.0	-52 07	8.9	B1V:e	495
				B2Ve	132 133
145849	08.1	+36 41	5.7	K3III	652 sb
145890	08.3	+26 42	8.3	K1III	659
145897	08.3	-11 35	5.5	K3III	53 106
145931	08.5	+42 38	6.0	K4II+F6-8V	313
146001	08.8	-25 13	6.2	B8IV	175 219 481 596 598
146029	09.0	-22 08	7.1	B9V	175 219 596 598
146051	09.1	-03 26	2.7	M0III	178
				M1III	259 287 299 645 665 725
146059	09.1	-53 27	7.1	G5V	705 713 714
146143	09.5	-49 49	5.0	F8Iab	303 358 404 646
146264	10.3	+18 28	7.5	G8III	38
146284	10.4	-24 02	6.6	B8V	175 219 596
146285	10.4	-24 44	8.1	B8V	175
146332	10.7	-29 30	7.5	B5II:	175 219 596
146416	11.1	-21 03	6.4	B9,5:V	175 219 596 598
146470	11.4	+32 25	8.4	K4III	253
146499	11.5	-39 30	10.1	G0V	705 713
146603	12.0	+67 24	6.1	G8III	117
146624	12.1	-28 22	4.8	A2V	457 705 714
146628	12.1	-49 31	10.3	O9,5I(a)	479
146667	12.3	-42 26	5.6	A3Vn	457 705
146686	12.4	-49 55	4.0	G8III	645
146738	12.7	+29 24	5.7	A3III	194 474 (A3V)27 sb?
146775	12.9	-28 03	7.5	G0V	457 705 714
146791	13.0	-04 27	3.3	G8III	53 106 287 299 449 641 645 665 705 714 725 758
				G9III	131
146800	13.0	-47 58	8.9	K3V	465 705
146815	13.1	+06 19	7.6	G7II	38
146834	13.3	-19 58	6.5	K5III	714 27
146836	13.3	-30 40	5.4	F5III	645
	13.3	-36 24		WR	321
146919	13.6	-52 48	8.6	B0,5I	495 692
				B0,5Ia	133
				B1,5Ia	132 486 646
146929	13.7	+34 31	8.3	F2IV	38
146955	13.8	-52 20	9.2	B3:V	480
147009	14.2	-19 48	8.8	B9,5V	175 219 598
147084	14.6	-23 56	2.6	A5Ij	96 175 476 646
				A5III	175 456 705
147144	15.0	+42 52	8.3	F4IV	38
147152	15.0	-49 20	5.4	B6IV	481
				B6V	456
147165	15.1	-25 21	1.7	B1III	74 79 80 172 175 197 216 219 251 350 352 360 361 439 444

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	16h				
					481 483 598 641 645
					719 758 765 v sb
330695	15.2	-49 52	10.4	B3V	480
147196	15.3	-23 28	7.0	B5V	175 219 596 598
328050	16.0	-44 34	10.4	B3III	480
147318	16.1	-51 54	10.1	BOIb	480
147331	16.2	-52 04	8.7	09,5I	495 692
				09,5Ia	133
				BOIa	132 486
147379	16.6	+67 29	8.9	MOV	65 131 296 470 665
					725 v
				MOV+M3	295 573 677
				M3	287
330587	16.7	-46 52	9.7	G8III:	480
330643	16.7	-48 28	10.7	B6:III:	480
147394	16.7	+46 33	3.9	B5III	50 v
				B5IV	20 22 65 94 105 131
					172 177 185 300 424
					455 529 530 597 719
					728 729 732 758
147419	16.8	-51 18	10.5	WN5	321
147421	16.8	-53 14	8.9	BOII	495 692
147449	17.0	+01 16	4.8	FOV	112 299 714
330652	17.1	-48 35	9.8	B2III	480
147487	17.2	+27 36	8.7	GOV	659
330642	17.3	-48 29	10.4	B2III	480
147527	17.4	+29 13	8.7	F5IV	659
147547	17.5	+19 23	3.7	FOIII	30 106 758 v sb
				A9III	65 97 112 287 458
					646 508 529 530 714
					734
147584	17.7	-69 52	4.9	GOV	645 sb
147603	17.8	-51 42	12.5	Nb	765 v
147617	17.8	-51 48	11.0	09,5III	480
147628	17.9	-37 20	5.7	B8IV	481
147644	18.0	-00 29	7.9	F9V	38
147665	18.1	+24 59	8.7	F8V	659
147675	18.1	-78 40	3.9	KOIV	645 sb
147677	18.2	+31 07	4.7	KO-III	469 535
				KOIII	53 101 106 475 479
					508 714
147700	18.3	-19 48	4.6	KOIII	53 106 705 714
147722	18.4	-29 28	5.4	GOIV	313 457 705 714
147723	18.4	-29 28	5.4	GOIV	313 457 714
147767	18.7	+33 56	5.3	K5III	53 106 469 475
147835	19.1	+32 34	6.2	A3V	194
147888	19.4	-23 14	5.2	B3V:	175 219 495 596 598
					sb
147889	19.4	-24 14	8.0	B1,5V	175
				B2V	172 219 257 486 598
147890	19.4	-29 11	7.6	AO(p)	175 219
	19.5	-51 12		WR	321
147933	19.6	-23 13	5.4	B2V	728 729
				B3IV	481 132:B5n
147934	19.6	-23 14	6.1	B2V	175 219 596 758
				B3V	481
147971	19.8	-47 20	5.2	B3:V	456 476 719 sb
				B5V	705
147977	19.8	-58 23	5.9	B9III	481
147980	19.9	+28 37	7.5	KIII-III	659
148112	20.8	+14 16	4.5	AOp	530 555 27
				Ap	516 (A2p:287)
				Alp	81
148173	21.1	-43 27	9.3	N	6
148180	21.2	-08 30	8.2	FOIV	38
148182	21.2	-12 12	7.0	Ne	6 v
				Nb($C7_4$)	1
				N3e	765
				$C7_4$e	259
148184	21.2	-18 14	2.9	B1Vpe	219 765 v sb
				B1Vpne	173
				B2IV:p	105 729
				B2V	175 596 598
				B2Ve	705
				B3V:e	175 456
330806	21.6	-48 11	9.9	B6:III:	480

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	16h				
148259	21.7	-44 36	7.2	B2Ve	496 705
148293	22.0	+69 20	5.4	K2III	53 101 106 469 475
					535 714
148321	22.1	-25 14	6.8	Am	422
328209	22.2	-44 15	9.8	09,5I(a)	480
148349	22.3	-07 22	5.4	M2III	714
				M2+III:	62
148365	22.4	+50 41	7.8	G6III	38
148367	22.4	-08 09	4.7	Am	25 81 185 289 299
					472 516 555 714
148379	22.5	-46 01	5.5	B1Ib	278
				B2Ia	296 358 404 476 481
148387	22.6	+61 44	2.9	G8III	45 53 71 87 101 106
					131 156 287 299 469
					475 479 535 653 665
					714 758 145 sb
				G8III+K1	714
148422	22.8	-56 17	8.6	BO,5II	495 692
148451	23.0	-87 24	6.5	G5III	705 713
148478/9	23.3	-26 13	0,9	M1Ib	8 124 138 178 259
					285 410 444 641 645
					646 642 711 758 765
				M1Ib+dB4	131 391 sb
				M2I	175 (...+B4V:357)
148513	23.5	+00 53	5.5	K4IIIp	53 106 469 475
148530	23.6	+03 30	9.0	G9V	253 296
148542	23.6	-86 11	6.0	A3IV	456 641 645
148546	23.7	-37 46	7.8	09,5I	132 486 496 692
148579	23.9	-24 56	7.3	B9V	175 219
148587	23.9	-63 37	7.4	GOV	457 705 714
148594	24.0	-27 41	6.8	B9:V	175 219
148604	24.1	-14 20	5.8	G2III	645
148605	24.1	-24 54	4.5	B2V	172 175 219 476 483
					598 646 705 719
330938	24.5	-48 46	10.4	B2Vn	480
148683	24.7	+10 49	7.7	G5III+F5IV	313 sb
148688	24.7	-41 36	5.4	BO,5I	278
				B1Ia	303 358 404 456 486
					646 705
148703	24.8	-34 29	4.0		
				B2II	641
				B2IV	175
				B2V	175 456 476 645
				B3IV	705 719
148740	25.0	-65 48	7.4	B5III	496 705
+19°3109	25.1	+19 43	10.3	R2	308
148743	25.1	-07 17	6.4	A7Ib	47 399 646 sb?
-62°5377	25.3	-62 55	9.4	G2I-II	682 765 v
148783	25.4	+42 06	4.7	M6III:	124 765 v
148786	25.4	-16 24	4.4	G8III	53 106 705 714
148816	25.6	+04 27	7.4	F8V+	62 287 665
				F9V	185 253 296 714
148856	25.9	+21 42	2.8	G5II-III	758 sb (G5III:11)
				G8III	53 106 131 145 175
					178 187 259 287 469
					475 479 714 71
148857	25.9	+02 12	3.8	A1V	81 sb
148897	26.2	+20 42	5.3	G8II	145 v
				G8p	53 106 469 475 479
					714
148898	26.2	-21 15	4.6	A7p	174 555
				Ap	516
148937	26.4	-47 54	6.9	O6f	476
+12°3028	26.6	+12 13	10.4	A7III-F4III	766 v
149038	27.0	-43 50	5.2	09,5Ib:	278
				BOIa	303 358 404 642
				BO,5Iab	481
330950	27.1	-49 19	9.7	B1Vne	480
149067	27.3	+26 04	8.0	G8II	659
149100	27.4	-53 26	7.1	B3V:nk	496 705
149105	27.4	+48 11	7.0	GOV	253 714
149132	27.7	+29 49	8.1	K2II	659
149142	27.8	+26 15	7.6	G8III	659
149161	27.9	+11 42	4.9	K4III	145 253 714
				K5III	53 106 469 472 475
149212	28.2	+68 59	5.0	B9IV	81 714

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	16h				
149241	28.4	+27 55	7.9	K5III	659
149298	28.7	-49 03	10.3	B1:Ve	480
149313	28.8	-41 55	8.8	B1:Ve	480
149324	28.8	-77 18	4.2	K0III	457 705 714
149363	29.1	-05 56	7.9	B0,5III	135 217 251 599
				B0,5V	253
149403	29.4	+25 04	8.6	G0V	659
149404	29.4	-42 39	5.5	O9I	278
149438	29.7	-28 01	2.7	B0V	51 74 135 172 175 219 251 300 439 444 448 476 483 495 529 596 598 641 645 646 692 705 719 729 758
149474	30.0	+25 41	7.8	K3III	659
149485	30.0	-60 47	6.1	B8V	481
149511	30.2	-31 02	7.8	S4,7:	98 765 v
331003	30.6	-48 00	10.0	B2,5V	480
149606	30.7	-40 40	9.0	K2V	465
149612	30.7	-58 03	7.0	G3V	705 713 714
149630	30.9	+42 39	4.2	B9V	81 472 714 v
149632	30.9	+17 15	6.3	A2V	194 714 sb
149661	31.1	-02 06	5.9	K0V	178 645
149640	30.9	-44 06	7.9	K0IV	465 705 714
149671	31.1	-68 06	5.9	B7IV	481
149711	31.4	-43 12	6.0	B3III-IV	456
				B3IV	476 481
149729	31.5	-52 20	9.0	B2Vn	495 692
149748	31.7	+63 02	7.2	Am	47 559
149757	31.7	-10 22	2.6	O9,5V	50 71 78 94 131 135 139 143 251 287 439 444 476 506 507 529 584 598 641 645 646 700 705 719 728 729 758 O9V:379
149803	32.0	+29 56	8.9	F7V	659
149822	32.1	+15 42	6.3	A0p	555
+38°2803	32.4	+38 10	8.5	F2Ib-cF8	45 765 v
149881	32.4	+14 40	6.6	B0,5III	197 217 253 720
149890	32.6	+31 09	7.1	F8V	253
150041	33.3	-48 33	7.3	B0IIk	486 496
				B0III	705
150086	33.7	+29 02	7.7	G8III	659
150087	33.7	+27 35	8.1	G8III	659
150102	33.8	+27 15	7.1	M2III	659
	33.9	-47 49		WR	321
150135	33.9	-48 34	7.1	O6	133
				O6k	496
150136	33.9	-48 34	5.6	O7:	133 642
150168	34.1	-49 27	5.9	B0,5I	717
				B0,5Ik	496 705
				B1II	251
SU Sco	34.2	-32 11	7.5	N	6 v
				NO	765
328686	34.3	-46 42	10.4	B2Vn	480
150197	34.3	-47 22	9.5	B0I	133
150205	34.4	+29 52	7.3	G5V	659
150248	34.6	-45 10	7.1	G3V	457 705 714
150275	34.9	+77 39	6.3	K1III	253 514 714
150373	35.6	-47 21	10.3	B3V	480
150415	35.8	-16 45	8.2	F5V	38
150416	35.8	-17 33	5.4	G8II	53 645 705 106
150431	35.9	+25 44	8.3	G8III	659
150437	35.9	-28 56	7.9	G2V	457 705
150449	36.0	+56 13	5.4	K1III	53 101 106 469 475 479 535 714
150466	36.1	-04 02	8.2	F5V	38
150475	36.1	-37 39	8.8	O8,5	132 486
150483	36.2	+12 35	6.0	A2V	194
150484	36.2	+00 41	8.8	K0IV:+F5: G2V+F9V	125 sb 201 765
150549	36.6	-66 55	5.3	A0p	402
150553	36.7	+22 57	8.3	F0V	38
150567	36.8	+29 06	8.0	K3III	659
150665	37.4	+26 17	7.6	K0III	659 v
150680	37.5	+31 47	3.0	G0IV-K0V G0IV+dK0 G0IV	96 677 v sb 285 286 391 154
	16h				
+25°3118	38.1	+25 37	9.5	F7IV-V	659
150798	38.1	-68 51	1.9	K2III	440 444 449 705
				K4III	641 645
150799	38.2	+25 38	9.4	F8IV	659
150826	38.4	+58 19	8.2	F6IV	38
150828	38.4	+23 52	8.1	G5IV+G8IV	313 sb
150889	38.8	+26 02	7.4	K2III	659
150898	38.8	-58 09	5.8	B0Iab	303 404 358
				B0Ib	278 476 646
150958	39.2	-46 55	7.6	O6	133 642
				O6ek	496 705
150997	39.5	+39 07	3.6	G4III	177
				G5III	30 342 758
				G7III-IV	53 101 106 131 535
				G8III	97 158
				G8III-IV	259 287 288 299 469 475 653 665 677 156
328857	39.7	-47 08	10.0	B0,5I(a)	480
151044	39.8	+50 09	6.6	F8V	458 27
151055	39.8	-67 36	10.4	Nb	765 v
151061	39.9	-02 54	7.2	M6III	38
151101	40.2	+64 47	5.0	K1p	53 106 469 475
329034	40.2	-46 57	10.3	B3V	480 vb
151120	40.3	+42 48	8.2	F2IV	38
329033	40.6	-47 02	10.1	B0,5III	480
151199	40.9	+55 53	6.2	A5p	253 555 687
151217	41.0	+08 46	5.4	K5III	53 106 469 475
151249	41.2	-58 52	3.8	K5III	645
151256	41.2	+24 46	8.3	K1III	659
151288	41.4	+33 41	8.1	K7V	65 71 131 287 288 573 665 725
				M0V	10
151300	41.4	-47 00	10.6	O6	133
151337	41.6	-47 33	7.4	K0V	457 705
151369	41.9	+26 13	8.3	G2IV	659
151397	42.0	-39 36	9.7	B0,5V	495 599 692
151445	42.3	+42 37	8.0	F5IV	38
151451	42.3	-20 46	8.7	F5III	38
151458	42.3	-40 38	9.6	B5V	480
151515	42.7	-41 49	7.4	B3II	481
151525	42.8	+05 26	5.3	Ap	516 sb?
				A0p	174 555
329027	43.1	-46 59	9.8	O9,5I	480 486
+23°2998	43.2	+23 22	9.0	R0	308
151613	43.4	+56 58	4.9	F2V	112 687
151625	43.5	+28 34	8.3	G0IV	659
151658	43.6	-21 41	7.6	M2III	645
151680	43.7	-34 07	2.2	K2III	444 641 645 705 v
				K2III-IV	287 296 439
326176	43.7	-41 34	9.1	B1IV	480 486
151769	44.3	-10 36	4.7	F5IV-V	112
				F5V	645
				F6III	45 97 287 705
				F6IVn	106
151771	44.3	-37 20	6.2	B9(p)	422
151780	44.4	+26 46	7.9	K1III	659
151804	44.5	-41 04	5.6	O8f	74 596
				O8fk	481
				O9f	73 75
+3°3281	44.6	+03 48	9.8	F5pe	46
151849	44.8	-45 18	8.4	F2IV	465
151862	45.0	+13 26	6.0	A1V	194
151877	45.1	+37 12	8.4	K7V	288 463
	45.1	-25 49		WR	321
151890	45.1	-37 53	2.9	B1,5V	175 182 251 483 596 645 718 719 765 v sb
				B3Vp	175 456 641
151932	45.3	-41 41	6.6	(OC)	133
				W	73 75 596
				WN6	36
				WN8	132

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	16h				
				WN7	321 538
				(OC)	133
151937	45.4	+30 08	6.7	K1II-III	253 469 475
151956	45.4	+07 25	6.7	K1II-III	62 sb?
151967	45.5	-57 45	5.9	M0III	444 705 714 465
151985	45.6	-37 51	3.5	B2IV	175 439 456 483 705 719
151990	45.6	-52 28	9.4	O9III	480
326364	45.6	-42 07	9.6	B0IV	480
152003	45.7	-41 37	7.1	B0I	74 75
				B0Ia	596
152032	45.9	+26 23	7.2	G8II-III	659
152042	45.9	-41 24	8.2	B0,5III	596
152060	46.0	-41 14	9.6	B2IV	480
152076	46.1	-41 34	8.5	B0III	596
				B0IV-V	74
				B0V	75
152107	46.3	+46 09	4.9	Ap	736
				A2p	81 27
				A4p	174 555
				A4sp	287
152112	46.3	+10 03	7.3	M3III	38
326306	46.3	-41 19	9.8	B1V	480
326348	46.3	-41 53	9.9	B1IV	480
152147	46.5	-41 57	7.3	B0I	74 75
				B0Ia	596
326327	46.6	-41 38	9.7	B2IV	480
152192	46.8	-30 16	7.1	Am	555
152217	46.9	-41 06	8.5	B0III	251 596
152218	46.9	-41 33	7.7	O9V	75 sb
				O9IV-V	74
				O9,5IV	596
152219	46.9	-41 43	7.6	O9,5IV	596
152224	47.0	+32 44	6.1	K0III	117
152233	47.0	-41 37	7.7	O6	73 74 75 482
152234	47.0	-41 39	5.2	B0,5I	72 482
				B0,5Ia	358 404 596
				B0,5II	75 456
152235	47.0	-41 50	6.2	B0,5Ia	481 596
				B1I	74 75
152236	47.0	-42 12	4.3	B0,5Ia+	719 v
				B0,5Ie	465
				B1Ia+	596
				B1,5Ia	161 392
				BleIa	404 358
152245	47.1	-40 22	8.4	B0III	251 596
152246	47.1	-40 55	7.3	O9III	596
				O9:III:	251
152247	47.1	-41 29	9.5	O9	73 74 75
				O9,5III	596
152248	47.1	-41 39	7.3	O8	73 74 75 v sb
				O8f	596
152249	47.1	-41 41	6.5	O9I	74 75 482
				O9,5Ia	596
				B0Iab	358 404 646
152250	47.1	-44 44	7.4	FOVn	465 705
152264	47.3	+29 45	8.2	G0V	659
152268	47.3	-40 49	8.1	B0III	596
152270	47.3	-41 40	6.7	W	73 75
				WC6	9
				WC6+O	511
				WC7+O8	509
				WR+B1	596
152291	47.4	-40 29	8.5	B0IIIpn(e)	596
152306	47.5	+28 17	6.9	G8III	659
152308	47.5	+15 09	6.4	A0p	555
				B9p	714
152314	47.5	-41 39	7.8	O9IV-V	74
				O9V	75
326450	47.5	-43 50	10.1	B3V	480
152326	47.6	+24 50	5.2	K2II-III	53 106 469 475
152334	47.6	-42 12	3.7	K5III	299 457 705 714
326296	47.7	-41 11	9.8	B2V	480
152391	48.0	+00 11	6.8	G6V	185 253 296 469 475 677 714
				G8V	71 131 646
	16h				
152404	48.0	-36 43	8.8	F5V	765 v
				F5V,G0	682
				F5pV	766
152405	48.0	-40 22	7.3	O9,5I	717
				O9,5Ik	486 496 705
				B0Ia	596
152408	48.0	-41 00	5.9	O7f	481 596
				O7-8fp	73 75 599
				O8fp	74 132 486
152424	48.1	-41 56	6.4	O9I	41 75
152431	48.2	-30 26	6.3	Am	555
152484	48.5	-04 09	7.7	G9III	38
152601	49.3	-06 00	5.4	K2III	53 106 131 714
152614	49.3	+10 20	4.3	B8IV	81 194 v sb
				B8V	584
152622	49.3	-40 20	8.2	B0III:n	596
152623	49.3	-40 31	6.7	O8V	596
152667	49.6	-40 40	6.1	O9,5I	133 v
				B0I	717
				B0Ia?p	596 132
				B0Ik	496 705
152685	49.7	-41 00	7.5	B2I	496 705
+17°3117	49.9	+17 00	9.7	A2V	104
152723	49.9	-40 22	7.2	O6	132 v
				O6,5	133
				O6k	496 705
152742	50.0	-42 47	8.9	B3V:	480
152748	50.1	+27 45	8.7	G8II	659
152781	50.3	-16 39	6.5	K0IV	381
152786	50.4	-55 50	3.2	K5III	645
152792	50.4	+43 00	6.8	G0V	253 714
152794	50.4	+30 36	8.2	F0IV	38
152798	50.4	-45 12	8.8	G3IV	465 705
152812	50.5	+47 34	6.3	K2III	62 469 475
152815	50.6	+21 07	5.5	G8III	53 106 469 714
152863	50.9	+25 54	6.1	G5III	474 714 27 sb
152879	51.0	+18 36	5.6	K4III	253 457 469 714
152923	51.2	-59 11	7.1	F6V	457 705
152980	51.6	-53 00	4.2	M1III	645
153026	51.9	-39 25	8.3	K5V	465 705
153033	52.0	+06 39	7.5	K5III	38
153072	52.1	-37 28	6.0	A3V	457 705
153075	52.1	-57 09	6.8	G0V	457 705 714
153102	52.3	-38 24	7.5	B5Vnnk	496 705
153159	52.6	-46 55	9.6	B3V	480
153210	52.9	+09 32	3.4	K2III	53 71 101 106 145 178 199 287 299 469 475 479 535 665 714 758 765 v
153224	53.0	+29 45	8.5	F8V	659
153226	53.0	+14 03	6.3	K0IV	117 469 471 714
153240	53.1	-04 11	8.0	F6V	38
153261	53.2	-58 48	6.3	B2Vnnek	496 705
153286	53.4	+47 32	6.9	Am	555
153312	53.6	+24 33	6.2	K0III	117 714
153344	53.9	+62 16	7.1	G5IV	253 471 714
153376	54.1	+15 38	7.0	G5V	100
153472	54.7	+42 39	6.3	K3III	253
153473	54.7	+14 14	7.4	F2IV	100
153540	55.1	+11 05	7.3	K4III	38
	55.3	-45 50		WC8	321
329379	55.4	-45 33	9.6	B1:V	480 486
153597	55.4	+65 17	4.8	F6V	45 112 287 288 665 677 714 726 v sb
153613	55.4	-32 00	5.0	B8V	456 476
153687	55.8	-04 04	5.0	K4III	53 472 645 705 714 106v
153698	55.9	+27 29	7.3	MIII	659
				M4III	38
153701	55.9	+15 19	7.8	G5V	100
153716	55.9	-57 34	5.7	B4V	456
				B5V	481
153741	56.1	-20 26	7.6	G6II	38
153751	56.2	+82 12	4.4	G5III	53 101 259 479 714 106 765 131 v vb
153777	56.3	+38 00	8.1	F2IV	38
153808	56.5	+31 04	3.9	A0V	81 299 472 641 714
				B9,5V	194 sb
	56.2	-32 31	9.0	Ne	6

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	16h				
153882	57.0	+15 05	6.2	AOp	368 v
				A4p	174 555
153898	57.1	+15 13	8.7	KOIII	100
153950	57.4	-43 14	7.4	G2IV-V	457 705
154029	57.9	+33 43	5.3	A3III	194 714
154040	57.9	-39 11	9.8	B2:V:e	495
154043	57.9	-46 55	7.0	B1I	717
				B1Ik	496 705
154049	58.0	+25 10	7.9	K3III	659
154086	58.2	+15 32	9.5	G2V	100
154088	58.2	-28 26	6.6	G8IV-V	465 471 705 714
154090	58.2	-33 59	4.9	B1p	48
				B1Iab	132 486 646
				B1II-III	719
				B1II-IIIe	456
154101	58.3	+14 50	8.5	K5III	100
154143	58.6	+14 14	5.0	M2III	515
				M3III	253 472 513 714
154160	58.7	+14 41	6.5	G5IV:	100
154183	58.8	+25 48	8.7	GOV	659
+25°3190	59.1	+24 59	9.5	K1III	659
154228	59.1	+13 45	5.9	A1V	194
154276	59.4	+17 21	9.2	G2V	253
154277	59.4	+16 10	7.7	KOIII	100
154278	59.4	+13 42	6.1	K1III	253 469 475 513 515
					714
154301	59.5	+19 50	6.6	A+B=K4p	313 sb
154345	59.8	+47 11	6.7	G8V	71 677
154358	59.9	+15 30	9.5	GOV	100
154368	59.9	-35 19	6.2	(09,5Iab)	53 303 358 404 646
					717
				09,5I-II	456 705
154363a	59.9	-04 53	10.1	K5V	71 253 646 665 714
				M3,5V	65 78 94 287 295
					573 677 714
				M4V	296
154363b	59.9	-04 54	7.7	K5V	65 94 287 288 295
					296 573 677 725
	17h				
154377	00.0	+14 56	10.5	G8III	100
154385	00.0	-35 56	7.3	B0,5I	717
				B0,5Ik	496 705
154391	00.1	+60 47	6.0	K1III	117
154441	00.3	+19 45	6.1	B9,5V	194
154445	00.4	-00 45	5.5	B1V	132 251 495 692
154450	00.4	-35 37	8.7	B0,5IVp	132 v
154481	00.6	-26 22	6.2	AOIII	641 645
				AOIII-IV	456 476
154491	00.7	+14 46	10.5	G5V	100
154494	00.7	+12 53	4.9	A3IV	112 714
154510	00.8	+28 14	8.6	K1III	659
154512	00.8	+15 00	9.4	K5III	100
154530	00.9	+15 22	10.0	K2III	100
154577	01.1	-60 37	7.4	KOV	457 463 677 705
				G5	287 288
154578	01.2	+46 14	8.0	F7V	38
154590	01.2	-41 34	8.0	K5V	705 713
154610	01.4	+09 53	6.5	K5	287
154617	01.5	+26 36	8.1	F5IV	38
154619	01.5	+10 35	6.2	G8III-IV	117
154635	01.6	+25 38	9.2	KOII	659
154653	01.7	+15 22	7.3	KOV	100
154712	02.0	+59 43	8.4	K4V	253 714 sb
154716	02.0	+15 12	10.5	G2V	100
154733	02.1	+22 13	5.7	K3+III	106 62
				K4III	142 145 199 253 469
					475 714
154759	02.3	+47 06	8.2	K3III	253
154760	02.3	+26 38	9.3	G2V	659
154779	02.4	-17 29	6.1	KOIII	645
154810	02.5	-45 30	8.1	F8V	465 705
154892	03.1	+15 21	8.0	F8V	100
154942	03.5	+28 16	8.8	K1III	659
	03.6	-46 28		WR	321

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	17h				
155041	04.1	+29 17	9.1	K2III	659
155078	04.3	-10 23	5.6	F5V	645
155099	04.4	-58 28	6.8	F4IV-V	711
155105	04.5	-08 24	8.0	G3V	38
155125	04.6	-15 36	2.6	A2V	19 30 287 288 439
					529 665 705 725 758
					734 sb
				A2,5V	131 646
155185	04.9	-46 25	9.2	KOV	465 705
155203	05.0	-43 06	3.4	F0IVn	465 705 714
				F2III	287 288 439 456 641
					665 705 714
				F2IV	677
155344	05.9	+26 34	8.5	K2III	659
155375	06.1	+12 35	6.5	Am	555 629 194 sb
155410	06.3	+40 54	5.1	K3III	53 469 475 106
155450	06.5	-32 19	5.9	B1III	456 476
155467	06.7	-00 52	8.1	F7V	38
155500	06.9	+08 01	6.1	KOIII	117
155581	07.4	+14 38	7.4	K5III	38
155603	07.5	-39 39	6.6	G5Ia	303 404 358 646
155675	08.0	+25 22	9.2	F8V	659
+29°2958	08.1	+29 39	9.4	G8II-III	659
155763	08.5	+65 50	3.2	B6III	719 728 729 732
				B8IV	287
155775	08.5	-38 06	6.7	09,5k	496 705
155806	08.7	-33 26	5.5	08e	278
155839	09.0	+25 07	9.2	K5III	659
155875	09.1	-69 56	6.6	G2IV-V	713 714
155878	09.2	+28 04	9.2	G8II	659
155885	09.2	-26 27	4.4	K1V	178 465 705
155886	09.2	-26 27	5.3	KOV	457 677 705 sb
				K1V	714
				K2V	178
155918	09.3	-75 14	7.0	G2V	705 713
155937	09.5	+16 28	8.5	F8V	104 v
155967	09.7	+14 42	8.1	F6V	38
155970	09.7	-14 28	6.2	K1III	313 sb
155985	09.8	-44 40	6.8	B0,5Ik	496 705
155989	09.9	+26 18	9.4	G5III	659
156002	10.0	+26 56	9.1	F5IV	659
+29°2963	10.1	+29 42	9.0	GOV	659
156014	10.1	+14 30	3.5	M5II	124 138 259 287 561
					765 v
				M5II+G5III +F2	124: ...+GOII-III 391
156026	10.1	-26 24	6.3	K5V	457 677 705
156074	10.4	+42 15	7.6	Cl_2	107 259
				RO	6 308
				R1(Cl_2)	1
156093	10.5	+26 11	8.4	K3III	659
156110	10.6	+45 30	7.4	B3Vn	217
156134	10.7	-35 27	8.2	BOI	132 133 486
156154	10.8	-35 25	8.4	O7	132 133 486
156164	10.9	+24 57	3.2	A3IV	65 81 194 287 299
					529 530 665 725 734
					758 641 sb v
156184	11.0	-30 03	6.9	G5IV	705 713 714 sb
V472 Sco	11.3	-34 59	12.2	K3III	765 336 sb
156247	11.4	+01 19	5.5	B5V	125 v sb
156266	11.5	-00 20	4.8	K2III	53 705 714 106
156274	11.5	-46 32	5.5	G8V	457 677 705 714
				MOV	465 714 vb
156282	11.6	+42 21	7.9	F8V	38
156283	11.6	+36 55	3.4	K3II	8 145 149 178 259
					287 469 475 479 687
					714 758 106 v
156325	11.8	-32 27	6.4	B6IV	476 481
156327	11.8	-34 18	10.0	WC7+BOV:	321
156349/0	11.9	-24 11	5.4	K1III+ F6IV-V	391
156362	12.0	+27 16	8.3	K2III	659
156385	12.1	-45 32		WC7p	321
156392	12.2	-12 12	8.2	F3V	38
	12.2	-33 57		WR	321
156454	12.6	+26 41	9.4	G2V	659

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	17h				
329804	12.7	-44 38	10.4	B2II	480
156536	13.0	+26 49	8.1	F3IV	38
156563	13.2	+25 08	9.6	G8V	659
156633	13.6	+33 12	4.6	B3III	125 729 v sb
				B3III+B5III	765
156649	13.7	+63 28	7.4	K5III	38
156652	13.7	+29 02	7.1	M2III+FTV	313
156653	13.7	+17 26	5.9	A1V	194 sb?
156681	13.9	+10 58	5.3	K4II-III	53 253 469 475 714 106
156688	13.9	-37 55	7.1	B2IIIk	496 705 .
-40°11335	13.9	-40 16	9.3	N	6
	14.2	-58 22		G8V	713 vb
156729	14.2	+37 24	4.8	A2V	81 131 194 472 687
					714 sb?
156751	14.2	-58 23	7.0	A5V	457 705
156774	14.4	+27 03	9.0	K2III	659
156775	14.4	+25 54	8.2	K1III	659
156779	14.4	-18 43	9.0	B2V	209
156802	14.5	-07 55	8.0	O2V	253 714
156838	14.6	-62 46	5.7	B2V	456 476
156897	15.0	-21 01	4.4	F2V	456 705 714
156928	15.2	-12 45	4.4	A0n	705
				A1V	81 299 472 714
156957	15.3	-41 39	9.5	S7,6:	98 765 v
156966	15.4	+27 23	8.9	M1III	253
				M2III	659
156968	15.4	+09 34	8.0	G0V	253 714
156974	15.4	-17 57	9.9	A0V	209
157031	15.8	-20 08	8.5	G0V	38
157038/9	15.8	-37 42	6.3	B4Ia	303 404 646 358
157056	15.9	-24 54	3.2	B2IV	50 131 172 175 197
					439 456 476 483 486
					531 596 641 645 646
					705 719 729 758
157072	16.0	-20 28	7.1	K4IV	38
157087	16.1	+25 38	5.3	A3III	194 714
157089	16.1	+01 32	7.0	F9V	62 287 665
				G0V	185 253 714
157170	16.6	-17 14	8.2	A0IV	209
157184	16.7	-17 15	9.5	A1V	209
157198	16.8	+24 36	5.1	A1V	194
157201	16.8	-17 36	8.8	A4V	209
157214	16.9	+32 36	5.4	G0V	65 71 156 287 288
					653 665 725 726 106
				G2V	15 45 253 296 469
					677 714 v
-36°11460	17.0	-36 24	9.5	B3	6
157243	17.0	-44 04	5.0	B6V	456 476 705
157244	17.0	-55 26	2.8	K1III	645
				K3Ib	641 705
157246	17.0	-56 17	3.4	B1III	456 476 719
				B1V	439 705
323484	17.2	-42 06	10.1	B1III	480
157294	17.3	+26 04	9.1	G8III	659
157325	17.5	+46 20	5.8	M0III	10
-29°13477	17.7	-29 14	9.0	N	6
157451	18.2	-43 24	10.2	WC8	321
157457	18.2	-50 33	5.2	K1III	645
157463	18.3	+42 19	7.6	G5III	38
157504	18.5	-34 06	11.8	WC6	321
157546	18.8	-18 22	6.3	A0V	209
157606	19.1	+13 30	7.4	K4III	38
157683	19.6	+22 00	8.2	F1V	38
157698	19.6	-47 03	7.1	B5V-III	496 705
157740	20.0	+16 24	5.7	A3III	194 474 714
157741	20.0	+15 43	6.2	B9,5IV	194
157750	20.0	-32 53	8.4	G2V	457 705
157779	20.2	+37 14	4.5	A0IV	194
				B9p	555
				B9,5III	131 687
				A0p	81
157792	20.3	-24 05	4.3	A9V	645 v
157857	20.7	-10 55	7.8	O7f	135 139 251 598 599
157860	20.7	-18 00	10.8	A0V	209
-39°11452	20.7	-39 55	10.0	N	6 v
157881	20.8	+02 14	7.5	K7V	65 71 78 287 573 646
					665 677 296 714 725
					94

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	17h				
157897	20.9	-17 48	10.1	B9,5V	209
157910	21.0	+37 02	6.5	G5III+FOV	313
157919	21.0	-29 47	4.3	F5IV	457 645 705 714
157925	21.1	+22 31	8.3	F0III	38
157950	21.3	-05 00	4.6	F3V	112 299 645 714 v sb
				F5V	45
157978/9	21.5	+07 41	6.1	A0+G	287
157999	21.6	+04 14	4.4	K3II	714 53 251 469 475
					705 106 v
				K5II	178 287
158038	21.8	+27 23	8.8	K2II	659
158094	22.1	-60 36	3.7	B8V	439 440 456 641 645
					705
158116	22.3	+29 33	7.0	Am	555
158148	22.5	+20 10	5.4	B6V:	105
158186	22.7	-31 27	6.9	B0V	133
				B3IV	481
+31°3025	22.9	+31 09	9.8	O8V	253
158211	22.9	+18 00	7.5	G9III	38
158225	23.0	+31 21	7.0	F5V	15
158226	23.0	+31 09	8.6	G1V	253
158261	23.2	+34 47	5.9	A1p?	687 194
158311	23.4	-62 09	7.7	G8IV	471 705 457
158320	23.5	-33 38	6.7	B4IV	481
158332	23.6	+26 53	8.8	K1IV	659
158377	23.8	-19 24	7.8	N	6 v
				Nb(C6$_5$)	1
				Nb(C6)	765
158408	24.0	-37 13	2.8	B2IV	79 80 287 439 444
				B3Ib	476 481 641 645 705
					719 sb
158427	24.1	-49 48	2.8	(B2:5V)	130 sb
				B2,5V	510 646
				B3V	641 645 719
				B3Ve	439 444 705
				B3Vn	456
158521	24.7	+26 49	8.8	F6V	659
158614	25.2	-00 58	5.3	G8IV-V	53 156 471 653 665
					677 725 726
158661	25.4	-17 03	8.2	B0,5Ib	135 209 251
158671	25.5	+46 09	8.2	F2V	38
+5°3409	25.5	+05 38	9.5	M1V	423 sb
158716	25.7	+12 00	6.4	A2V	194
-33°12155	25.7	-33 16	9.1	B0III	92 257
158823	26.3	+29 36	9.2	K3III	659
+2°3336	26.4	+02 03	9.3	B2	308
158846	26.4	-42 19	7.6	B5V-III	496 705
158855	26.5	+01 45	7.2	K3III	253
158860	26.5	-33 33	11.1	WN5+	321
158899	26.7	+26 11	4.5	K3III	8 758 v
				K4III	53 469 475 714 106
158926	26.8	-37 02	1.7	B2IV	80 287 439 444 456
					476 641 705 719 758
				B2V	79 133 sb
				B1V	645
323815	26.9	-40 39	10.2	B3II	480
158974	27.1	+31 14	5.8	G8III	15
159082	27.6	+12 00	6.2	A0III	194 sb
159119	27.8	+14 28	7.4	K5III	38
159139	27.9	+28 29	5.6	B9,5V	194 sb?
159176	28.1	-32 31	5.7	O7	132 133 251 486 642
				Oe5	48 v
159181	28.2	+52 23	3.0	G2Ib	15 30 47 178 342
					399 469 479
				G2II	65 87 97 112 131
					145 259 287 687 106
159222	28.4	+34 21	6.5	G5V	677
159329	29.1	+63 56	7.6	F9V	253
159340	29.1	-38 02	7.0	Am	555
159358	29.2	-11 10	5.5	B8V	456 476 641 645
159410	29.5	+46 24	7.5	K3III	38
-33°12242	29.6	-33 49	9.4	B1Ia	92 257
	29.7	-33 22		WR	321
159462	29.7	-49 20	10.1	G2V	713 sb
				G2Vsd	705
159479	29.9	+26 46	9.6	K2III	659

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	17h				
159482	29.9	+06 04	8.5	G0V	253 296
159492	29.9	-54 26	5.3	A7V	519 705 713 714
159517	30.0	-85 11	6.4	F4V	711
159532	30.1	-42 56	2.0	F0Ib	641 705
				F0I-II	287 303 439 444 449
				F0II	645
159541a	30.2	+55 15	4.8	Am	25 65 66 67 112 289 555 714 sb
159541b	30.2	+55 15	4.8	Am	65 66 67 112 299 472 555 714
159561	30.3	+12 38	2.1	A5III	30 78 94 112 131 27 287 289 299 439 444 449 529 530 641 646 665 677 714 725 734 758 v sb?
				WR	321
320102	30.3	-33 58		A2V	348 765 v
159595	30.5	-32 04	7.0	M2III	659
159608	30.5	+29 49	9.9	WR	321
	30.6	-33 24	12.7	G5V	711
159656	30.7	-42 30	7.1	G5IV	313 vb
+15°3530	30.7	+15 30	9.0	G8V	705 713 714 sb
159704	31.0	-37 48	7.0	K4III	38
159714	31.1	+24 25	7.4	F2V	38
159754	31.3	+74 34	8.2	K1IV	457 471 705
159809	31.5	-45 42	7.5	A7III	194 714 sb
159834	31.7	+21 04	5.8	09V	92 139 257
-29°13809	31.7	-29 03	9.7	B0,5II	209 251 257 486
159864	31.8	-17 46	8.8	G5V	457 615 705 714
159868	31.8	-43 05	7.5	F0IV	299 641 645 705 714
159876	31.9	-15 20	3.6		717 sb
				G9III	117
159925	32.2	+37 22	6.0	K2III	659
159948	32.3	+25 41	8.9	F8V	705 713 sb
159964	32.3	-72 10	6.7	K0III	53 263 469 475 714 106
159966	32.4	+68 12	5.2	M1II	659
159968	32.4	+27 39	8.4	F6V	38
159972	32.4	+06 30	8.1	B8V	81 714
159975	32.4	-08 03	4.6	B9III	481
				F6V	465 705 714
160043	32.7	-28 21	7.7	A7V	194
160054	32.8	+30 51	5.8	B3IV	481
160124	33.1	-32 16	7.0	A2V	194
160181	33.4	+24 22	5.7	B0,5V	209 251 257
160186	33.4	-18 21	8.8	N	6 v
160205	33.5	-41 35	9.0	N3	765
				B1V	251 495 692
160233	33.7	+04 24	8.6	F6V	253
+18°3423	33.9	+18 37	9.8	G0V	71 96 271 276
160269	34.0	+61 57	5.2	G0V+M0+	677
				G1V	178 185 285 287 288 65 295 665 714 725 726 106
				G2V	45 296 vb
160315	34.1	+02 05	6.4	K0III+ F4IV	391 sb 765 v
				Nb	659
160435	34.7	-57 40	9.3	F8V	92 132 257 486
160508	35.2	+26 49	8.9	A2Ia+	477
160529	35.3	-33 27	6.7	A2Ia-0	646
				A3Ia+	259
				A3eIa	259
160538	35.4	+74 17	7.1	K0III K2III	253 714 321
				WR	79 80 287 439 444
	35.6	-32 30	13.8	B2IV	456 476 641 645 705 719
160578	35.6	-38 59	2.6		6 765 v
				R8	645
160591	35.7	-35 12	10.7	K1III	81 472 sb
160635	35.9	-64 41	3.6	A2V	
160613	35.8	-12 49	4.4	09,5Ia-B1Ia(p)	54 659
160641	36.0	-17 51	9.8	K0III	457 645 677 705 714
160687	36.2	+29 18	9.0	G5V	253
160691	36.2	-51 47	5.1	G0V	139 257
160693	36.3	+37 17	8.5	08	357 529 530 758 sb
160730	36.4	-24 15	9.7	B3IV	
160762	36.6	+46 04	3.8		

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	17h				
				B3V	50 65 71 105 172 289 300 697 719 728 729 732 sb
	36.9	-28 37	10.6	B1nn(II-III)	92 257
160765	36.7	+15 13	6.3	A2V	194
V812 Oph	36.7	+06 47	11.8	S6,3	765 98 v
160822	36.9	+31 22	6.2	K0III	117
160835	37.0	+24 34	6.5	K1III+F4V	313 714 sb
+68°946	37.0	+68 26	9.2	M3,5V	65 287 296 573 665 677 725 v
+31°3330	37.1	+31 28	10.1	K3V	296 vb
160915	37.4	-21 38	4.9	F5V	645
160922	37.5	+68 48	4.9	F5V	45 112 299 714 106 sb
160952	37.7	+29 39	9.0	G8III	659
161056	38.3	-07 02	6.5	B3Vn	456 132:B5n
161061	38.3	-28 08	8.5	B2III	92 257
161074	38.4	+24 37	5.6	K4III	253 469 475 714
161096	38.5	+04 37	2.8	K2III	53 65 71 78 94 101 131 145 259 287 299 468 469 475 535 641 705 714 106
				K2III-IV	758
161103	38.5	-27 12	8.5	B2:pe(III-IV)	132 vb
				B2:pe(III-V)?	257 92
161112	38.6	+26 36	8.8	K0III	659
	38.8	-29 53	10.8	B0,5Ib	92 257
161178	39.0	+72 31	5.7	G9III	117
316204	39.0	-28 22	9.3	B2III	92 132 257
161196	39.1	+29 42	9.0	M1II	659
161197	39.1	+24 50	8.9	G2IV	659
161198	39.1	+21 41	7.4	K0V	253 296
161208	39.1	-18 37	8.5	N	6 v
				N($C5_2$)	765
				Nb($C7_3$)	1
161227	39.2	-16 44	8.2	F0II	28
161262	39.4	+03 01	8.6	K1II-III + A2V	313 sb
316232	39.4	-29 11	10.3	09IV	92 139 257
161268	39.5	+27 05	8.9	K1II	659
161291	39.6	-27 11	8.9	B0,5Ib	133
				B1Iab	92 132 257 486
161321	39.8	+14 27	6.1	Am	555 sb
161387	40.2	-26 10	9.4	K5Ib+A	336 sb
				K5II+A	765
V381 Sco	40.3	-35 45	12.3	A5Ia	336 765 sb
161471	40.6	-40 05	3.1	F0l	439
				F0Ia	705
				F2Ia	47 205 287 358 404 641 645 646 665
				F2eIa	259
161511	40.8	-35 39	9.6	N	6 v
				N3	765
316332	41.1	-29 36	9.5	B3I	610
				B3Ia	92 132 257 486
316311	41.2	-28 55	10.2	B1Ib	92 257
	41.2	-29 23	11.1	B0nIII?	92 257
+17°3325	41.3	+17 15	8.7	B0	308
	41.5	-29 30	10.9	B1Ib-II	92 257
161653	41.6	-38 06	6.8	B0,5I	717
				B0,5Ik	496 705
316326	41.7	-29 17	10.1	B1II	92 257
161695	41.9	+31 33	6.2	A0Ib	194
316274	42.0	-27 43	10.4	B2II	92 257
316325	42.0	-29 18	10.6	B1IV	92 257
161756	42.2	-26 57	6.2	B3IV	476
				B3V(e?)	133
316341	42.2	-29 56	9.7	B0,5V(pe)?	92 257
				B4V	133
161783	42.3	-53 35	6.0	B3V	456
161796	42.5	+50 05	7.0	F3Ia	205
				F3Ib	47 399 469
161797	42.5	+27 47	3.4	G5IV	15 53 65 87 112 131 106 145 156 185 196 287 288 296 362 391 469 471 475 646 653 665 677 714 725 726 758
				G0IV	154

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	17h				
				G5IV+dM3,5	295
161807	42.5	-38 57	6.8	B3V:nnk	496 705
161817	42.6	+25 48	7.0	A2VI	646 (A2p:287)
161832	42.7	+39 22	6.6	K3III+F7V	313
161833	42.7	+17 44	5.6	AOV	194
161840	42.7	-31 40	4.8	B8V	705
+28°2829	42.8	+28 01	8.7	FO(p)	555
161868	42.9	+02 45	3.7	AOV	65 71 78 81 94 172
					185 287 299 468 529
					530 641 646 665 705
					725 732 734 sb?
161884	43.0	+28 07	8.1	Am	555
161892	43.0	-37 01	3.2	K2III	645
161961	43.4	-02 09	7.8	BO,5III	132 135 251
162003	43.7	+72 12	4.9	F5IV-V	112 714
				F5V	45 106
162021	43.7	-42 18	6.7	KOIII	465 705 714
162064	44.0	-19 52	9.0	BOIa	135 209 257
161848	44.0	+04 59	9.1	KlV	253 296
316393	44.0	-28 28	10.7	B3II-III	92 257
	44.0	-30 08	11.3	B3IV	92 257
162161	44.4	+19 17	6.0	AOIV	194 sb?
162168	44.5	-32 58	8.4	BOII	257
162211	44.8	+25 39	5.3	K2III	15 53 469 475 687
					714 106
316436	44.8	-30 08	10.2	B3:pe	
				(III-V)?	92 257
316464	44.8	-30 37	10.6	BlV(e)?	92 257
162262	45.1	+02 16	8.1	F5V	38 287
316409	45.1	-28 54	10.6	BlV	92 257
	45.2	-29 54	11.6	B8IV?	92 257
316406	45.4	-28 46	10.5	B2IV	92 257
162365	45.6	+15 32	7.7	B2V	495 692
	45.6	-28 07	11.1	BlIb-II	92 257
162374	45.6	-34 47	5.9	B8V	429
316520	45.7	-28 45	10.8	B5:nn(e)	
				(III-V)?	92 257
162396	45.7	-41 58	6.2	F8V	457 705
316587	45.8	-29 55	10.6	Bl:n(e)(V)	92 257
316589	45.9	-30 02	10.6	B2nne	
				(III-V)	92 257
162468	46.1	+11 59	6.0	KlIII-IV	117
316585	46.4	-29 48	10.9	BlII:	480
162555	46.5	+29 21	5.6	KlIII	15
162586	46.7	-34 42	6.1	B9V	429 vb
162587	46.7	-34 52	5.6	KOIII:	429
V383 Sco	46.7	-38 04	11.4	FOIa	336 765 v
162619	46.8	-47 25	8.7	KlIV	465 471 705
162714	47.3	-06 07	6.9	F8Ib-G3Ib	355 765 v sb
162717	47.3	-24 15	9.3	B2III	257
162718	47.3	-24 45	8.7	Bpe	257 v 132:BOne
162724	47.3	-34 43	5.9	AlV	429
162725	47.3	-34 48	6.4	B9p	429
162734	47.4	+15 22	6.3	KOIII	117
162756	47.6	-07 53	7.6	GOIV-V	62 v
				GOV	253
162780	47.6	-34 42	6.9	AOV	429
162797	47.7	-14 06	10.0	G5IV	518
162817	47.8	-34 26	6.1	AlV	429
316569	48.1	-29 47	9.4	B3II	92 132 257
162901	48.3	+25 00	8.9	K2III	659
316568	48.3	-29 43	9.8	B2pe(IV-V)	92 132 257
162949	48.6	+34 13	7.9	F3V	38
162950	48.6	+27 11	7.8	Am	555
162978	48.7	-24 52	6.2	O8	139 257
163065	49.1	-30 32	8.6	BlIab	92 132 257
163077	49.2	+25 01	8.1	KlV	15
				G8V	659
V781 Sgr	49.6	-28 01	12.5	NO	765 v
163217	50.1	+40 01	5.1	K3III	53 469 475 714 106
163254	50.1	-41 58	7.2	B5Vnk	496 705
-0°3584	50.4	-00 25	9.2	O8	74 135
163331	50.5	+27 37	9.2	KlIII	659
163418	51.0	+42 41	7.6	G6III	38
316729	51.0	-29 34	9.9	BlnII:	92 257
163453	51.1	-28 14	9.3	BO,5?peV	92 132 133 257
163454	51.1	-31 00	8.2	BO,5:pe	
				(V)?	92 257
163472	51.2	+00 42	5.7	B2V	495 692 v
163506	51.4	+26 04	5.5	F2Ia	42 47 65 131 205 367
					382 399 469 646 687
					734 763 v
				F1Ia	665
				F2Ib	15
				F2eIa	259 766
163572	51.7	-20 37	8.8	F2II	38
163588	51.8	+56 53	3.9	K2III	53 71 101 145 178 106
					299 469 475 535 714
163611	51.9	+05 00	7.6	F4V	125 309 765 v
163613	51.9	-28 07	8.5	BlI-II	133
163640	52.1	+18 21	6.6	AOIII+G8II	313 sb
163667	52.2	-31 47	8.8	BO,5III	92 257 486
163685	52.3	-28 45	5.9	B3IV	133 456
				B5III	558
163755/6	52.7	-30 14	7.0	M2Ib-II	
				+G8II	313 vb sb
163770	52.8	+37 16	4.0	KlII	42 131 145 178 469 106
					475 479 758 v
163772	52.8	+11 03	6.5	A2V	194
314854	52.8	-26 16	10.7	B3:V	480
163777	52.8	-25 10	9.3	BlII	257
+4°3561	52.9	+04 17	9.5	M4VI	65
163800	52.9	-22 30	7.0	O8	135 139 251
+4°3561	53.0	+04 17	9.5	M5V	65 78 94 287 296
					573 677 725 665
163810	53.0	-13 04	9.6	G2	287
316786	53.0	-27 15	11.0	B5IV	92 257
163838	53.2	+64 09	10.7	R3	6
				R5	308
163892	53.4	-22 27	7.4	O9IV	139 251
				O9,5V	495
				BOIV	481
163917	53.5	-09 46	3.5	G9III	131 645 646
				KOIII	53 287 705 714 758 106
163930	53.6	+15 09	7.3	F2+(gG1)	534 v sb
				F4IV-V	765
				F4IV-V +	
				KOIV	137
				F4V	714
				F6V	125
163949	53.7	+28 00	9.4	F6V	659
163969	53.8	+28 15	9.5	G8III	659
163970	53.8	+27 51	9.6	GOV	659
163984	53.8	-29 49	8.3	B3IV	133
163989	53.9	+76 59	5.0	F6IV	45 287 714
163990	53.9	+45 23	6.2	M6S	98 v
163993	53.9	+29 16	3.8	G5III	758 v
				G8III	117
				G9III	101 131 178 535
				KOIII	53 93 259 469 475
					714 106
164002	53.9	-22 33	7.4	BO,5IV	481
				BO,5V	251
164018	54.0	-23 07	9.2	BO,5III	257
164019	54.0	-28 36	9.2	O9,5I	495 692
				BOIa	92 257
				BOII:	133
				BOIa:	132
164028	54.1	-20 20	6.5	KOII-III	387
164032	54.1	-29 49	7.5	BlIb	92 257 486
				BlII	495 692
164042	54.2	+27 23	8.0	K2III	659
164058	54.3	+51 30	2.4	K5III	53 65 71 101 131 106
					145 149 177 185 259
					287 469 472 475 479
					535 687 714 758
164079	54.4	+27 59	8.7	F2V	659
164103	54.5	-14 47	8.1	B5IV	257
164106	54.5	-29 54	8.9	B5III	131 133
164136	54.7	+30 12	4.5	F2II	42 47 112 155 469
					646 106
				F2III	15 441

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	17h				
+20°4010	54.9	+20 43	8.3	F8II	672
164188	54.9	-15 48	8.7	B0,5IV	251 257
+58°1772a	54.9	+58 14	7.5	Ne	6 v
				N0e	765
164252/3	55.2	+30 03	6.9	G8II-III + A1V	313
164258	55.2	+00 38	6.3	A2p	555 287
164259	55.2	-03 41	4.6	F2IV	758
				F3V	65 71 112 185 287 299 455 456 646 665 705 714 725 106 442
164270	55.2	-32 43	8.8	WC8	36 321 358 646
164284	55.3	+04 22	4.8	B2V	719 sb
				B2Vn	456
				B2Ve	105 728 729
				(B3)V	584
-19°4805	55.5	-19 10	9.7	N	6
				R:	93
164341	55.5	-40 46	10.2	K0V+K6V	178
164345	55.6	+54 40	7.0	K5p	765 v
164349	55.6	+16 46	4.7	K0II-III	53 469 475 714 106
164353	55.6	+02 56	3.9	B5I-II	22 30 758 vb
				B5Ib	42 50 105 135 172 251 287 399 418 529 530 584 598 641 677 705 719 728 729
				B5II	495
164358	55.6	-17 09	6.3	K3III	645
164359	55.6	-22 07	8.2	B0III	251
				B0IIIk	481
164384	55.7	-23 10	8.3	B1,5:V:nn	251 257
164402	55.8	-22 46	5.7	O9,5	48
				B0Ib	42 251 481 595 642
				B0II	132 133
164438	56.0	-19 06	7.2	O9IV	132 139 251 257 486 598
	56.0	-23 38		WC8	321
164447	56.1	+19 31	6.4	B7IVn(e)	194
164461	56.1	-87 40	5.3	K3II	457 705
				K3III	645
164492	56.3	-23 01	6.9	O7	251 257 481 598 139
				O8	48 74 84 595
164514	56.4	-22 54	7.3	A5Ia	42 74 131 251 399 646
164577	56.7	+01 18	4.4	A1V	81 287 705 sb
	56.7	-18 05		WR	321
164581	56.7	-20 44	6.8	B1V	251
164584	56.7	-24 17	5.5	Am	555
				F0II	144
				F5II	144 646
164637	57.0	-22 43	6.6	B0II	133
				B0,5III	74 251
				B1IIk	481
164668/9	57.3	+21 36	5.2	A7III+G5III	313 714 vb
164741	57.5	-25 19	8.9	B1III	495 692
164794	57.7	-24 22	5.9	O5	74 76 135 144 251 595 758
				O6e5	486
				O5f	729
				O6	642
				O7	278
164809	57.8	+22 28	7.5	K0II-III	38
164816	57.8	-24 19	7.3	B0V	74 144 251 481
164833	57.9	-22 50	7.2	B0I	495
				B0Ia	481
				B0III	74 251
315101	57.9	-26 13	10.4	B5III	480
164844	58.0	-22 34	8.0	B1V	251 482
164852	58.1	+20 50	5.1	B3V	105 728 729 732
164865	58.1	-24 11	8.3	B9Iab	144
164883	58.2	-22 30	7.3	B0V	251 257 482 486 642
-22°4543	58.2	-22 29	8.9	B1V:n	251 257
164889	58.2	-39 20	10.0	R3	6 v
318952	58.3	-32 43	11.8	R0	766 v
164900	58.3	+22 56	6.1	B3V	194 sb
164906	58.3	-24 24	7.5	B1IV:pe	74 132 144 251

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	17h				
164922	58.4	+26 22	7.1	K0V	253 296 469 475 714
				K1V	15
164923	58.4	+24 59	8.3	K2III	659
164947	58.5	-24 21	9.7	B2n:V:	144
165016	58.8	-24 41	7.4	B0III:	495 692
165024	58.8	-50 06	3.9	B0,5II	476 481 705
				B1II	439 641 645 719
165029	58.9	+19 37	6.5	A0V	194
	58.9	-21 12	12.0	WC7+	110 321
165040	59.0	-63 40	4.7	Am?	456 v
				A3V	705
165042	59.0	+19 33	7.2	M5II-III	38
165049	59.0	-15 22	8.1	B2III	135 251 257
165052	59.0	-24 24	6.8	O6e5	48
				O7	74 76 132 144 251 482 595 758
165073	59.1	+30 21	8.1	F7V	38
165135	59.4	-30 26	3.1	K0III	641 645 705 714 v
315057	59.5	-25 20	11.0	B1V	480
165174	59.6	+01 55	6.1	B0,5III	197 251 766 v
165189	59.6	-43 26	5.8	A5V	457 705 714 vb
165207	59.7	-29 26	8.2	B2IV	133
	18h				
165271	00.0	-46 54	7.6	G5IV	457 471 705 714
165281	00.1	+30 24	6.7	F5V	15
165285	00.1	-19 58	9.0	B0,5V:nne	251 257
165319	00.3	-14 12	8.1	B0Ia	135 251 257 486
165341	00.4	+02 31	4.1	K0V	53 145 203 259 287 106 296 475 479 536 646 665 705 714 725 726 758 sb
				K0V+K3V	342
				K0V+K4	285
				K0V+K5V	677
				K0V+dK6	295
				K0V+K7V	469
				K1V+K5V	96
165374	00.6	+16 55	7.2	M2III	38 vb
165401	00.7	+04 40	6.8	G0V	62 287 725 665
				G2V	253 714
165402	00.7	-08 20	5.8	B8IV	481
-17°5020	00.7	-17 12	9.4	B0III	251 257
165405	00.7	-19 05	9.1	F5I	51 sb
				G8III+A	384
165446	00.9	-21 31	8.3	F3Ib-II	387
165473	01.1	+29 04	7.6	G9III	117
				K0II	659
165474	01.1	+12 00	7.4	A7p	555 174
165516	01.2	-21 27	6.2	B0,5Ib	251 257 646
				B1Ibk	481
-28°14163	01.2	-28 31	9.8	N	6
165553	01.4	-21 12	8.3	F9Ib	384 399
				G0I:	51
165589	01.6	+28 41	7.8	K1III	659
165687	02.1	-17 10	5.7	K1III	253
				K1IV	714
324924	02.1	-37 20	11.0	R5	765 v
+25°3427	02.1	+25 41	9.1	F6V	659
315181	02.1	-25 29	10.7	B5V::	480
165688	02.1	-19 25	9.8	WN5	321
165696	02.1	-45 57	7.4	F8V	457 705
165753	02.4	-44 58	7.1	K0IV	457 471 705
165760	02.5	+08 43	4.7	G8III-IV	53 287 469 475 714 106
165763	02.5	-21 16	7.8	WC6	321 427 538 646
165777	02.6	+09 33	3.7	A2s	287
				A4V	112 299 472 714 sb
165782	02.6	-18 34	8.0	G8Ia	42 646 765 v
165783	02.6	-19 52	8.4	B1:V	251 257
165784	02.6	-21 28	6.6	A2Ia	251 477 646
165793	02.6	-36 41	6.6	B1Ibk	481
165830	02.8	-10 34	8.1	Am	181 559
165832	02.8	-19 24	10.8	B5III	251
165908	03.2	+30 33	5.2	F7V	65 71 96 156 274 106 285 287 288 295 653 665 677 725 726 sb
				F8V	45

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	18h				
165910	03.2	+13 03	6.5	A2V	194
165921	03.2	-24 01	7.4	O7,5	595
				O7,5nn(V)	251
165989	03.5	+26 24	7.3	G8III	659
166006	03.5	-47 32	6.1	K1III-IV	465 705 714
166014	03.6	+28 45	4.1	B9V	81 714 733 765 v
				B9,5III	194
				A0V	641
166063	03.8	-45 58	4.6	G5III	645
166070	03.9	+27 23	8.4	K1IV	471 659
166091	04.0	+63 47	7.4	K5II-III	38
166093	04.0	+29 48	7.2	K3II	659
166095	04.0	+14 16	6.3	Am	555 714
				A6III	194
166097	04.0	+09 26	9.7	R4	6
				R5	308
166125	04.1	-14 12	9.1	B3II-III	251 257
V1280 Sco	04.2	-26 55	10.0	N	6 765 v
166167	04.3	-21 20	8.6	B9Ib	251 257
166182	04.4	+20 48	4.2	B2III	584 729
				B2V	50 105 131 456 699 719
166188	04.4	-18 13	9.0	B2V:pe	251
166197	04.4	-33 49	8.8	B2IIIk	496 705 v
166205	04.6	+86 37	4.4	A1V	81 472
166207	04.6	+50 49	6.1	K0III	117 714
				K0IV	471
166208	04.6	+43 27	5.1	G8III-(p)	158 sb?
				G9III	652
				K0p	53 469 475 479 106
166229	04.6	+36 23	5.7	K2III	253 469 475
166286	04.8	-16 46	7.6	B0II	481
				B1II	74 131 251 257 135
166287	04.8	-16 50	7.6	B0,5III	64 135 251
-19°4882	04.8	-19 12	9.1	B1,5V	257
166304	04.9	-16 44	9.7	B1V	74 251 257
166331	05.1	+10 45	9.3	B1V	251
166348	05.1	-43 28	8.1	K7V	457 519 677 705
166418	05.4	-16 44	8.1	B0II	132 251
166443	05.5	-20 44	8.7	Bnne	495
				B1V:e	251 257
166469	05.6	-28 56	6.4	A0p	555
166524	05.9	-18 25	9.9	B0?Vpe	251 257 730
166539	06.0	-15 37	8.8	B0IV	251 257
166540	06.0	-16 55	7.9	B0,5IV	74 132 135 251
166546	06.0	-20 27	7.2	O9,5I	495
				O9,5III	135 139 251
166566	06.1	-15 42	7.9	B1II	251
166568	06.1	-18 45	9.0	B1,5(V)pe	251
166569	06.1	-19 05	9.4	B1II	251
166586	06.2	-15 07	10.1	B0V	251
166601	06.3	+30 49	8.0	F5V	38
166620	06.4	+38 28	6.4	K2V	65 71 131 185 287 288 296 469 475 479 597 665 677 714 725
-14°4922	06.4	-14 58	9.7	O9,5:II:	139 257
166628	06.4	-19 28	7.1	B3Ia	74 251 257
	06.5	-15 34	9.4	B1(V)ne	730
166666	06.6	-15 36	9.2	B1(V)ne	116 257
166683	06.7	+29 04	8.2	G8III	659
166689	06.7	-16 24	7.3	B1Ib-II	135 251
166716	06.8	-15 25	8.0	B0II-III	251
166730	06.9	+27 57	8.4	K1III	659
166734	06.9	-10 46	8.3	O8f	139 251 257 173
				O9If	71 131 399
166780	07.1	+57 57	7.4	K5III	38
166781	07.1	+26 38	7.7	G3II	38
				G5III	659
166787	07.1	-19 47	8.4	B0,5Ib-II	251
166803	07.2	-15 13	7.9	B0,5III	251
166822	07.3	+25 17	8.4	G0IV	659
166842	07.4	+25 32	6.8	K1III	659
166865	07.5	+79 59	5.0	K2V	66 v vb
166866	07.5	+79 59	5.7	K2V	66 v vb
				Am	516
166867	07.5	+29 53	7.3	K0IV	471 659
166895	07.6	+30 06	8.6	F6V	659
166913	07.6	-59 26	8.0	F2VI	519
				F6V	705 713
				F6V:	519
166914	07.7	+25 21	8.6	F8IV-V	659
166922	07.7	-19 20	9.9	B2III	251
166926	07.8	+87 00	5.9	Am	516 555
166937	07.8	-21 05	4.0	B8Ia	641 646 sb
				B8Iap	251 399
				B8eIa	645
				B8epIa	765
				B8,5Ia	705
166960	07.9	-04 03	6.6	Am	181 559
166965	07.9	-19 02	9.7	B3II	74 251
-12°4949	08.0	-12 55	10.8	B9:IV:	116 257
166988	08.1	+33 26	5.8	A2III	194
-20°5043	08.1	-20 20	9.5	O6	116 139 257
167042	08.4	+54 15	5.9	K1III	145 253 469 475 714
	08.4	+14 54	10.7	R4	6
				R5	308
167128	08.7	-56 04	5.7	B3V	456 470 641 645 476
167132	08.8	+25 37	8.0	K1III	659
167163	08.9	+00 11	9.4	A0V	253
167193	09.0	+21 51	6.2	K4III	253 469 475 714 62
167224	09.1	-18 59	8.9	B3II	74 251
167225	09.1	-20 54	8.9	G7III	38
167263	09.3	-20 25	6.0	O9II	48 135 139 251 257 646 sb
167264	09.3	-20 46	5.2	B0Ia	42 133 135 251 257 278 729
				B0I	48
167275	09.4	+26 12	7.4	K1III	659
167287	09.4	-19 01	8.3	B1Ib	74 135 251
167304	09.5	+41 08	6.1	K0III	117
167311	09.5	-12 32	8.3	B0Ib	173
				B2ne	730
167330	09.6	-12 34	8.2	O9I-II	139 251 257
167336	09.6	-18 24	9.4	B0II	74 251 257
167356	09.7	-18 42	6.1	A0Ia	251 476 477 646
				A2I	456
-20°5060	09.7	-20 23	8.8	B0:IV::pe	251 257
167370	09.8	+38 45	5.9	B8V	194
167375	09.8	-18 59	9.7	B1IV	251
167391	09.9	+26 44	8.1	F5IV	38
167411	10.0	-18 17	8.6	B0II	251
				B0IIk	481
167451	10.2	-13 36	8.2	B0,5Ib	251 257
167472	10.3	+28 12	6.9	K1II	659
YY Her	10.3	+20 57	11.1	M2ep	259 765 v
167497	10.4	-14 20	9.4	B2II	251
167516	10.5	+01 20	8.4	F5Ib:	51
				F8Ib:	287
				G5III+A	384
167519	10.5	-14 39	10.1	B0,5IV	116 257
167543	10.6	-14 40	8.6	B2III	251 257
167576	10.7	-27 45	6.7	K3III	457 705 714
167611	10.9	-18 35	9.4	B1III	480
167618	10.9	-36 47	3.2	M3II	472 641 705 714
				M4III	645 vb
167633	11.0	-16 33	8.1	O6	139 251 598
-15°4906	11.1	-15 41	9.5	B1IV:n	257
167659	11.1	-19 00	7.4	O8	74 76 135 139 251 257
167665	11.1	-28 19	6.4	G0V	457 705 714 sb
-11°4579	11.2	-11 50	10.4	B0:V::	257
167720	11.4	-17 24	6.0	K4II-III	387
RS Tel	11.4	-46 35	9.3	R4	765 v
167768	11.6	-03 02	6.1	G3III-	62
				G8III	185 253 714
167771	11.6	-18 30	6.7	O8	74 76 139 251
				O8k	481
167782	11.7	+25 46	9.7	G8II	659
167785	11.7	+10 48	7.9	B2V	495 692
167791	11.7	-16 16	9.7	B5III	251
-11°4581	11.8	-11 47	11.3	B1:II:	257
-12°4964	11.8	-12 21	9.8	O8	139 257

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	18h				
167833	11.9	-09 48	6.2	A5III	456 641 645
167838	11.9	-15 28	6.6	B5Ia	42 48 251 257 385
-12°4970	12.1	-12 32	8.8	B0,5Ia	74 251 257
-19°4955	12.2	-19 09	8.9	B3:Ia:	257
-13°4914	12.3	-13 47	9.5	B8V	218
-12°4979	12.4	-12 17	10.4	O7(f)	116 139 257
167965	12.5	+42 08	5.4	B6V:	105
-11°4586	12.5	-11 20	9.4	O8(I?)	74 139 251 257
167971	12.5	-12 17	7.5	O8f	34 48 74 251 257 642 646 729 139
-12°4982	12.6	-12 13	9.3	B0II	74 251 257
-12°4984	12.7	-12 00	9.9	O9V	139 257
168015	12.7	-13 25	8.9	B1V	251
-13°4918	12.7	-13 29		N	93
-13°4920	12.7	-13 52	9.2	B0-B1V	218
168021	12.7	-18 39	6.7	B0Ib	74 251
				B0Ibk	93
168038	12.8	+27 04	9.1	F7IV	659
-13°4921	12.8	-13 52	9.2	O9V	218
-13°4924	12.8	-13 57	9.5	K2III	218
168046	12.8	-14 02	9.7	K2III	218
168075	12.9	-13 50	8.5	O7	74 143 218 251 482 595
168076	12.9	-13 50	8.5	O5	74 143 218 251 595
168080	12.9	-18 12	9.2	B0,5II	251
-13°4927	13.0	-13 48	10.1	O5	139
-13°4928	13.0	-13 49	10.1	B0,5:V:ne	116 257
-13°4929	13.0	-13 48	9.8	B0IV	116 257
168097	13.0	-14 01	8.7	K0II	218
168112	13.1	-12 08	8.5	O5	74
				O5,5	251
				O6	139 257 598
-13°4930	13.2	-13 52	9.4	O9,5V	116 139 257
168137	13.2	-13 51	9.4	O8V	74 251 482 645
168151	13.3	+64 22	5.0	F5V	53 687 714 106
-12°4994	13.4	-12 09	9.8	O9:II:	257 730 139
-13°4934	13.4	-13 57	9.3	B1V	218
-13°4936	13.4	-13 59	9.7	B1:V:ne	116 257
168183	13.4	-14 02	8,2	B0III	251
				B0III,O8:V	218
168206	13.5	-11 40	8.9	WR	257 sb
				WC7	36 48 538
				WC7+B	511
				WC7+BO:	321
168227	13.6	-15 39	8.4	R:	93 v
				R5	308
				R6	6
168229	13.6	-18 16	9.7	B0,5Vpe	251 730
168245	13.7	-04 09	7.6	G7II	38 287
168270	13.7	+18 06	6.0	B9,5III	194 sb?
168302	13.9	-16 03	9.3	B5V	257
168322	13.9	+40 54	6.1	G8III	62 475
				G9III-	158
				K0III	185 253 469 714
168339	14.0	-61 32	4.4	M1III	645 sb
168393	14.3	-11 20	7.4	F0I	51
				F5II	384
-13°4941	14.4	-13 06	9.8	O9,5IV	116 139 257
168415	14.4	-15 52	5.7	K4III	387
168418	14.4	-17 02	9.4	B2III	251 257
-12°5008	14.5	-12 41	9.8	B0,5III	116 257
168444	14.6	-14 53	8.9	O8V	251
-15°4930	14.6	-15 08	9.4	O6p	139
168451	14.6	-20 15	8.1	F6IV	38
168454	14.6	-29 52	2.8	K2III	449 641 705 714
				K4III	645
168461	14.7	-12 13	9.5	O8	74 116 251 257 139
168488	14.8	-17 42	9.7	B0,5II	251
168489	14.8	-17 48	8.9	B0III	251
168504	14.9	-14 00	9.2	O8	74 251
168532	15.1	+24 24	5.5	K4II	53 469 475 sb
				K4III	652
-16°4826	15.2	-16 05	9.9	O5	139
168552	15.2	-17 11	8.2	B3Ib	132 251
168571	15.3	-17 26	7.9	B1Ib-II	132 251 257
168605	15.5	+19 08	7.7	A0p	555
168607	15.5	-16 25	8.9	B9Ia+:p	251 257 486
168608	15.5	-18 54		F8I	51 v
168621	15.6	+34 05	8.1	F4V	38
168622	15.6	+27 28	9.7	K2III	659
168625	15.6	-16 25	8.4	B8Ia?	251 257 486 730
168656	15.9	+03 20	4.9	G8III	53 178 287 469 475 705 714 106
168710	16.0	-25 17	8.5	A3V	24 sb
+26°3219	16.1	+26 28	10.9	K3III	659
168723	16.1	-02 55	3.4	G8IV	53 203 471 645
				K0III-IV	65 131 145 156 253 287 288 296 299 653 665 677 705 714 725 726 758 106
168775	16.4	+36 01	4.3	K2III	53 101 469 475 479 535 714 758 106 v
-20°5108	16.4	-20 07	9.2	B0,5II	251 257
168814	16.6	-14 26	7.3	A0p	174
				A2Ib	251
168894	17.0	-14 42	9.4	B1II	116 257
168897	17.0	-17 30	9.7	B1,5V:pne	251
168905	17.0	-44 09	5.3	B3Vn	456 705
168913	17.1	+29 49	5.5	A6V	194 714 sb
				F9Ib	469 479
168917	17.1	-14 45	8.4	O9V:	139 251
168936	17.2	-17 43	8.1	A2II	251 646
168941	17.2	-27 00	9.3	O9,5II	495 692
168956	17.3	+26 39	9.1	F6V	659
169010	17.5	-13 46	12.0	WR	257 730
				WC6	110 321
169022	17.5	-34 26	2.0	B9IV	79 80 287 439 440 444 641 645 705
169034	17.6	-13 39	8.3	B3Ia	48 366
				B5Ia	131 251 257 306 399 486
319342	17.8	-30 39	11.2	F5V:	211 766 v
169111	17.9	+11 59	5.9	A2V	194 714
-11°4620	17.9	-11 58	10.2	O5	116 139 257
-14°5029	18.1	-14 12	9.6	B1,5Ib	116 257
169156	18.2	-08 59	4.8	K0III	53 705 714 106
169191	18.4	+17 46	5.5	K3III	53 469 475 106
				K5III	714
-9°4713	18.4	-09 57	9.8	B2:V:pne	251 257
169221	18.6	+49 40	6.3	K1III	117
169227	18.6	-12 17	8.9	B1,5Ia	251
-14°5030	18.6	-14 13	9.5	B5Ia	116 257
169233	18.6	-30 49	5.6	K0III-IV	457 705 714
169245	18.7	+26 10	9.5	F8V	659
-10°4682	18.8	-10 52	9.6	O7	116 139 257
169392	19.3	-06 39	7.2	G0IV+G2V	313 sb
169414	19.4	+21 43	3.9	K1III	714 v
				K2III	53 101 253 259 469 475 479 535 758 106
	19.4	+06 00	11.2	R0	6
-14°5037	19.4	-14 42	8.2	B(0)e	28
				B1,5Ia(+?)	173 251 257
169419	19.4	-17 35	9.5	B0II-III	251
169420/1	19.4	-20 35	5.0	K2II	313
				K2III	714
T4 Dra	19.5	+47 31	9.6	A7V:	211 sb
169454	19.6	-14 02	6.7	B1Ia	531
				B1Ia+	48 71 131 132 173 251 257 306 366 392 399 455 598 646 729
169467	19.6	-46 01	3.7	B3III	456 641 719
				B3V	439 645 705
	19.8	-14 42		WR	321
169515	19.9	-12 45	9.4	Bep	730 v sb
169573	20.2	+26 17	9.6	K2III	659
169582	20.2	-09 49	8.7	O5f	139 251 598
169673	20.7	-15 41	7.2	B1II	251
169702	20.9	+39 27	5.0	A3III	194
169718	21.0	+27 20	6.2	A2V	194
169727	21.0	-13 43	9.3	O6	139 251 253 366
				O7	116
169746	21.1	+43 51	7.0	M2III	10

HD or D	1900 α	1900 δ	m	Sp	Bibliography
169753	18h 21.1	-09 15	7.5	B2V	104 v 125:BOV
169754	21.1			B3Ib	251 765
169755	21.1	-11 25	8.4	BO,5Ia	251 257
348635	21.1	-14 34	9.3	O8V	139 251 366
169797	21.2			BOV	116
169819	21.3	+18 14	9.5	G2IV +sgKO	369 v
169820	21.4	+26 01	8.9	G8III	659
169822	21.4	+25 56	10.0	K2III	659
+29°3257	21.4	+14 55	6.4	B9V	194
169916	21.7	+08 44	7.9	G7V	253 296
	21.8	+29 21	9.3	K2II	659
		-25 29	2.9	K2III	178 287 299 449 641 717 645 665 705 714
169952	22.0	+38 23	7.1	AOp	555
169957	22.0	+08 02	8.8	G2IV	253
+12°5055	22.0	-12 32	12.2	M4Ia	765 v
169978	22.0	-62 20	4.8	B8III	705 714
169981	22.1	+29 46	5.7	A2V	194 458 474 714 27
169985/6	22.1	+00 08	5.3	GOIII+A6V	177 v sb
170000	22.2	+71 17	4.2	AOp	81 555 733 v sb
170002	22.2	+46 12	8.1	F5IV	38
170053	22.4	+06 56	7.6	K2II	38
170061	22.4	-14 47	10.6	BO:nne	251 366
				BO,5:ne (V)?	116 257
170073	22.5	+58 45	4.9	A1V	81 126 152 555 sb?
170153	22.9	+72 41	3.7	F6V	53 296 529 530 758
				F7V	65 71 112 185 287 288 665 677 714 725 726 736 106 v
-9°4742	22.9	-09 38	10.4	B2:V:	257
170159	22.9	-13 04	8.6	BO,5Ib	251 257 366
170177	23.0	-13 34	9.4	BO,5Ia	116
170282	23.4	-38 29	10.3	R5	6
170296	23.5	-14 38	4.6	A2V	456 641 705
				A3V	112 645
				A3n	730
-08°4617	23.8	-08 38	9.4	08,5(V)	139 251 257
170357	23.9	+46 01	8.3	G1V	253
170452	24.4	-13 01	8.8	09:V	139 251
170453	24.4	-14 17	9.2	B1II-III	251
170456	24.4	-16 16	8.3	F1V	38
170464	24.4	-02 03	5.4	G8III	652 sb
				KOIII	53 714
170465	24.4	-45 59	5.3	B5V	705 sb
				B6IV--	456 476
170474	24.5	-02 03	5.4	G8III	645 sb
170495	24.6	-16 59	11.0	N3(C50)	765 v
				R3	6
170523	24.7	-45 49	5.5	B5IV	456 476 sb
				B6II-III	296
170580	25.1	+04 00	6.5	B2V	495 692
170581	25.1	-13 42	9.4	B1III	116
170603	25.2	-14 59	9.4	B3V	116
170604	25.2	-16 39	8.4	BO,5II	251
170619	25.3	+29 30	7.7	G8IV	117
				KOIII	659
170657	25.5	-18 58	7.0	K3V	385
170682	25.6	-19 14	8.6	B7III	385
170693	25.7	+65 30	5.0	K2III	53 101 469 475 535 714 106
170698	25.7	+18 32	7.6	G6III	38
	25.7	-06 41		WR	321
BP Sct	25.7	-09 26	12.2	S4,9:	766 v
170700	25.7	-14 11	8.8	B1II	251
				B1III	366
170715	25.8	-12 05	7.4	F8V	387
170716	25.8	-12 24	8.9	BO,5Ib	74 135 251
				B1Ib	116 257
-13°5015	25.8	-13 38	10.0	O7	116 139
170719	25.8	-19 09	8.2	B6II-III	385
170737	25.9	+26 36	9.1	G5V	659
				G8III-IV	253
170738	25.9	+25 42	9.2	G8III	659
170740	25.9	-10 52	5.7	B2V	131 456
				B2V+dB9	410

HD or D	1900 α	1900 δ	m	Sp	Bibliography
170756	18h 26.0	+21 48	7.4	F4pIb-Rp	46 v
				F4pIb-K4e	765
170757	26.0	+12 33	7.3	AOV	188 v
170764	26.0	-19 12		F5Ia	51 v
				F5Ib - G1,5Ib	207
170811	26.3	+59 29	6.5	KOIV	15
170820	26.3	-19 11	7.3	G6II	385
170829	26.4	+20 46	6.4	G8IV	117 469 471 714 sb
170831	26.4	+04 19	9.0	N	6 v
				N(C55)	765
170835	26.4	-19 17	9.1	B7Vnn	385
170845	26.4	-42 23	4.7	G5III	645
170878	26.6	+16 52	5.7	A2V	194 714 sb?
170886	26.6	-19 02	7.7	G3II	385
170901	26.7	-09 26	7.7	AOp	181 559
-11°4667	26.8	-11 22	9.8	B1:V:pe	251 257
170938	26.9	-15 46	7.9	B1Ia	132 135 251 257 366 598
170951	27.0	+25 06	10.0	MIII	659
170973	27.1	+03 35	6.3	AOp	181 559
-12°5095	27.1	-12 52	10.0	BOIV	116
170978	27.1	-24 11	6.8	B3IV	481
171012	27.3	-18 26	7.0	BO,5Ia	173 251
171034	27.4	-33 05	5.3	B3IV	456 476
+19°3670	27.5	+19 55	9.4	FOII	672
171054	27.5	-13 59	9.0	B1Vpe	116 257
171164	28.1	+28 48	9.6	K2III	659
171198	28.3	-12 20	9.5	O7:	116 139 251 257
171222	28.5	+25 25	8.7	G8III	659
171263	28.7	+05 32	8.1	AOp	181 559
171279	28.8	-07 47	7.2	B9p	26
				A2p	555
+36°3168	28.9	+36 54	8.0	N3($C6_5$)	1 v
				R5	308
				R6	6
-08°4634	28.9	-08 10	9.4	O9?V?p	116 139
171301	29.0	+30 29	5.4	B8IV	194
171305	29.0	-04 53	8.6	B1V	251
171344	29.3	-13 57	9.5	BO,5III	480
171388	29.5	+03 04	7.5	Am	181 559
171391	29.5	-11 03	5.2	G8III	53 705 714 106
171432	29.7	-18 38	7.0	B1Ia	132 251 486
171443	29.8	-08 19	4.1	K3III	53 142 145 149 199 253 645 705 714 758 106 v
171487	30.0	+20 23	6.4	A3V	194
171505	30.1	+10 49	6.4	A1V	194
-4°4503	30.2	-04 53	10.8	O7	139
171550	30.4	+29 40	8.0	KOIII	659
171586	30.6	+04 51	6.7	A2p	174 555 v
171589	30.6	-14 12	8.3	O7f	132 135 139 251 486 366
171620	30.8	+34 20	7.7	F6p	47
171623	30.8	+18 07	5.7	B9,5IV	194
171627	30.8	-28 33	6.8	K1V	457 705 714
171635	30.8	+56 58	4.9	F6Ib	30
				F7Ib	455 42 47 71 112 131 163 287 399 469 479
				F8Ib	15
171662	31.0	-16 01	7.4	K5III	38
171706	31.2	-04 38	8.0	F9V	38
-8°4652	31.2	-08 16	10.0	GOII	169 170 766 v
+4°3804	31.3	+04 19	11.0	F5III	682 765 v
171746	31.4	+16 54	6.2	G2V+G2V	108 v
171759	31.4	-71 31	4.0	K2III	645
171779	31.6	+52 16	5.4	KOIII	53 469 475 714 106
171782	31.6	+05 12	7.9	AOp	181 559
+51°2402	31.6	+51 39	8.3	K7V	677 v
171804	31.7	-07 41	9.7	N	6 93 v
				N3($C4_8$)	765
171830	31.8	+27 08	9.4	G8III	659
171856	31.9	-21 29	5.8	Am?	555 645
				A7IIIp	456 641
171871	32.0	+51 02	7.4	B2III-IV	131
171914	32.2	+02 54	7.9	AOp	181 559

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	18h				
171975	32.5	+11 20	6.4	B8V	194
171994	32.6	+16 07	6.2	G8IV	456 469 471 714
172044	33.0	+33 23	5.5	B8IIp	194
172052	33.0	-23 16	6.7	F5Ib	47 163 399
172132	33.4	+28 58	9.5	K2III	659
172144	33.4	-44 16	7.4	G2IV	465 705 714
172167	33.6	+38 41	0.1	AOV	19 22 30 65 71 81 94
					95 126 131 152 177
					194 208 214 224 288
					289 299 472 529 530
					641 665 677 714 725
					733 734 758 59 v
172169	33.6	+29 29	8.4	K4III	659
172171	33.6	+08 45	5.9	K1III+Mbe	199 v
172175	33.6	-07 57	9.4	O6f	139 251 646
-13°5061	33.8	-13 57	9.9	A3:Ia	116
172237	34.0	-20 46	8.8	F6IV	38
172252	34.1	-11 58	9.5	BOe	28
				BOV:e	132 251
				B2:npe(V)	116 257
172275	34.2	-07 27	9.4	O6	74 135 139 251 257
172310	34.4	+28 51	8.4	G5V	253
172311	34.4	+28 13	9.8	G8III	659
-12°5133	34.4	-12 31	10.8	B1V	116 257
172323	34.5	+63 37	8.1	F9V	253 513 515
172324	34.5	+37 21	8.0	A0Iab	375
				B9Ib	42
	34.6	+20 04	10.7	(F8I)	672
172365	34.7	+05 10	6.3	F8Iap	51
				F8Ib-II	47 287 469
				F9Ib	384 399
172367	34.7	-07 20	9.5	BOV	251 257
-13°5065	34.7	-13 30	9.7	BO:V:	116 257
172381	34.8	+30 22	7.3	M2III	38
172401	34.9	+08 39	7.1	KOIII	199
-5°4718	34.9	-05 36	9.9	B2:II:p	116
172403	34.9	-09 14	8.5	B9:Ib:	116
172424	35.0	+07 16	6.2	G8III	117 714
				KO	287
172427	35.0	-10 48	9.5	B1IV	116
172462	35.2	-44 20	8.8	F5IV	465 705
172488	35.4	-08 49	7.6	BO,5V	251 257
172508	35.5	-04 36	7.5	KOII-III	38
172510	35.5	-14 51	8.7	B1V	132 251
+26°3320	35.6	+26 07	9.8	F8V	659
172522	35.6	+08 46	7.1	A2III	199
172527	35.6	-04 11	10.3	AOIb	251 v
-13°5073	35.7	-13 57	10.1	B1:(IV)pe	116 257
				B3e	28
172582	35.9	-50 15	9.2	G5V	705 713
172588	36.0	+08 41	7.2	FOII-III	199
	36.0	-04 33	11.9	WN7	110 321
172669	36.4	+66 49	7.6	G3V	38 v
172711	36.6	+55 09	7.6	F8IV	15
172714	36.6	+45 16	8.5	Am	555
172748	36.8	-09 09	5.0	F3III-IV	112 299 376 426 705
					714 737 765 373 v sb
				F4III	645
-1°3542	36.9	-01 24	9.2	B8Ia:	116
172777	36.9	-38 25	5.2	A1V	456
172804	37.1	+06 43	9.1	S4,5e	98 140 765 v
+31°3330	37.1	+31 28	8.5	K3V	253
	37.2	+16 02	12.1	F(I)p	672
172829	37.2	+00 04	9.8	K5III	211 682 v
172889	37.5	-06 35	10.2	B1V	116
172910	37.6	-35 45	4.7	B2V	469 705
				B3IV	719
				B3V	456 476
				B3,5V	133
172958	37.9	+31 31	6.5	B8V	194 714
V668 Oph	37.9	+10 15	13.5	M5p	765 v
172976	38.0	+44 10	7.3	FO(p)	555
172991/2	38.0	-39 48	5.5	K3II+B7	422
173006	38.1	-05 53	10.1	BO,5IV	116
173009	38.1	-08 23	5.1	G5III	645
				G8II	53 646 705 106
173010	38.1	-09 26	9.2	BOIa(e?)	116
				B(3)e	28
173011	38.1	-11 36	8.9	BO,5V	251
173051	38.3	+58 08	8.3	F2IV	38
173117	38.6	-25 05	5.8	B5V	460
				B5:V	456 476
173138	38.7	-13 20	8.6	R3	6 v
				R3($C2_3$)	765
173182	38.9	-42 38	7.5	G8III	465 705
173183	38.9	-42 40	6.9	F2IV	465 705
173189	39.0	+54 49	8.1	F5V	38
173198	39.0	-01 39	8.1	B1V	251 v
173219	39.1	-07 13	8.3	B1:V:pne	251 257
-61°6238	39.1	-61 07	10.8	A5p	559
	39.2	-03 54	11.9	WC7+	110 321
173251	39.2	-14 28	9.1	B1II	116
+22°3466	39.3	+22 32	9.2	F8Ib	672
173291	39.4	+36 51	8.1	N	6 v
				N4(C64)	1
173297	39.4	-20 45	8.1	GOIb	38 v
173300	39.4	-27 06	3.2	B8III	439 486 641 645 705
					714 sb
173339	39.6	-43 54	7.4	A7V	457 705
173367	39.8	+28 00	9.6	KOIII	659
173370	39.8	+01 57	5.4	B9V	105 732 v
173375	39.8	-17 39	7.1	B5V	495
				B6V	481
173398	40.0	+62 39	5.9	KOIII	117 714
173399	40.0	+44 50	7.1	G5IV+F2V	313 sb
-4°4573	40.0	-04 53	9.7	B8Iab:	116
173409	40.0	-31 28	9.5	BO	6 308
173431	40.1	-32 01	7.3	KOIII	705 713
173435	40.2	+26 08	7.7	G7III	38
				KOIII	659
173438	40.2	-04 42	8.1	BO,5Ia	74 135 251 257 486
173511	40.6	+61 27	7.4	K5III	38
173526	40.7	+22 27	7.5	G4II	38
173560	40.8	-50 49	8.9	G3V	705 713
+7°3832	40.9	+07 07	10.0	F3Ib	47 sb
				F3eIb+cK5	259 765
173637	41.2	-08 02	9.4	B1IV	251
				B1V	116
173638	41.2	-10 14	5.8	F2Ib-II	42 131 163 399
173648	41.3	+37 30	4.4	Am	18 25 65 66 67 112
					131 289 299 472 516
					555 714 724 758 sb
173649	41.3	+37 30	5.7	FOIV	65 66 67 131 v
173650	41.3	+21 53	6.4	AOp	174 555 194
173651	41.3	+02 52	8.1	F7V	38
173654	41.3	-01 04	5.9	Am	474 555 27 sb
173656	41.3	-12 24	9.4	B9:IV:	116 257
173667	41.4	+20 27	4.3	F5IV	45 529 530 758
				F6V	65 71 112 156 287 106
					299 653 665 714 725
173694	41.5	-12 14	9.8	BO,5I	116 257
173697	41.5	-45 23	7.3	G5III-IV	465 705
173741	41.8	+38 13	7.6	K5III	38
173764	41.9	-04 51	4.5	G5II	42 112 145 178 259
					645 646 106 sb
173780	42.1	+26 33	4.9	K3III	53 142 199 299 469
					475 645 106
173783	42.1	-09 25	9.3	O9I	74 135 139 251
173787	42.1	-20 22	6.9	B3:V+A2II	103 279 765 sb
				A2II	150
173791	42.1	-45 55	5.8	G6IV	465 471 705
173819	42.1	-05 49	6.1	GOeIa -	
				-KOpIb	46 765 v
173820	42.2	-06 25	10.1	O8	116 139
				O9I	480
173854	42.4	-19 19	7.0	K5III	38
173880	42.6	+18 04	4.4	Am	555 sb?
				A3V	112 472 508 714 sb?
+5°3950	42.6	+05 20	9.5	N	6 93 v
173883	42.6	-00 21	7.9	F9V	38
173909	42.8	+27 23	9.0	G8III	659

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	18h				
173948	43.0	-62 18	4.3	B1V	719v
				B1Ve	456 476 495 641 645 705
				B2e	28
				B2III	37 440
				B2IIIe	439
-5°4769	43.2	-05 37	10.4	O8(I:)	116 139
173987	43.2	-06 34	9.1	BO,5I	495 692
				BO,5Ia	116
				BO,5Iab	74 135 251
173994	43.2	-47 53	7.2	B8Vk	481
+28°3078	43.3	+28 19	9.8	G0V	659
174022	43.4	+31 17	7.1	G8II+F0III	313 sb
174095	43.7	-45 08	7.8	Am?	555
174104	43.8	+28 37	9.2	G0Ib	399 659
174126	43.9	+28 32	9.3	K2II	659
174152	44.0	-41 10	6.8	B5III	496 705 vb
174153	44.0	-44 35	7.5	G0V	357 705 714
174160	44.1	+23 24	6.0	F7Iab	672
174237	44.5	+52 53	5.8	B3V	584
174262	44.5	+19 13	5.8	A2V	194 714
174293	44.7	-44 48	8.0	Am?	555
174309	44.8	-22 17	6.2	A7III	645
174325	44.9	-08 01	6.4	N	6 v
				N3($C5_4$)	1
				N3($C5_5$)	765
174349	45.0	+10 25	7.5	K4II-III	38
174360	45.0	-30 14	7.4	K0III	705 713
174386	45.1	-44 27	8.2	F2V	465 705
229632	45.2	+16 22	10.2	F8Ib	672
174391	45.2	+15 49	6.5	B3V	495 692
174403	45.2	-20 25	8.5	B6IV,V+var	313 sb
174414	45.3	+27 36	6.8	K0III	117
				K1III	659
174487	45.6	+07 21	7.1	K4pIII-IV	387
174513	45.7	-07 54	8.6	B1V:pne	251
174567	46.0	+31 31	6.5	B9,5V	194
229680	46.0	+15 50	10.5	F3I	672 v
				F5Ib,II	211
174569	46.0	+10 52	6.6	F5-G0Ib,II	766
174571	46.0	+08 35	8.9	K5III+K3III-IV	391 sb
				B3e	3
+37°3246	46.2			B3V:pe	257
174602	46.2	+37 38	9.2	F4III	403
174638/9	46.4	+32 26	5.2	A3V	194 714
		+33 15	1.0	B7V + A8p +A8-9V	417 sb
+37°3249	46.7				
174695	46.7	+37 48	9.5	G5V	403
174714	46.8	+28 25	8.6	K1III	659
		+24 36	8.4	B5III	125 sb
				B6III	765
174719	46.8	+02 55	7.7	G6V	38
+37°3254	47.1	+37 52	8.8	G0III	403
174764	47.1	+29 36	9.8	K1III	659
	47.1	+21 35	9.0	F4II	672
174853	47.4	+13 51	6.1	B8V	194 v
174897	47.8	+14 25	6.5	K1III-IV + F7V	313 sb
174916	47.9	-04 51	7.5	Am	181 559
174933	48.0	+21 18	5.3	B9II-III	194
SV Sct	48.0	-14 19	12.0	Se	259 765 v
174978	48.1	-44 00	9.2	F6IV	465 705
174980	48.3	+73 58	5.4	K0II-III	53 106
175029	48.3	-43 49	8.3	G3V	711
175036	48.4	+26 24	7.9	F8V	38
				G0V	659
-0°3584	48.4	-00 41	10.0	O8	139 251 257 135
175156	49.0	-15 43	5.0	B3III	456
				B4III	385
				B5III	105
175190	49.1	-22 48	5.0	K3+p	62
175191	49.1	-26 25	2.1	B3IV-V	439 529 530 758
				B3V	641 705
				B4IV	476 481 645 719
				B4V	133 444
175203	49.2	+35 54	9.3	M5III:	403

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	18h				
175204	49.2	+25 15	8.9	G5III	659
175219	49.2	-42 50	5.4	G6III-IV	465 705 714
175227	49.3	+24 09	8.3	B5III	125 sb
				B6III+B6III	765
+36°3303	49.5	+36 14	9.7	G0V,G2V	403
175290	49.6	+37 12	7.9	F5V	403
-4°4625	49.6	-04 29	10.2	B1II	116
175305	49.7	+74 37	7.3	G5III	185 253
175306	49.7	+59 16	4.8	K0II-III	53 469 475 714 106 sb
				K0III	652
+36°3305	49.7	+36 40	9.2	F7V	403
+36°3304	49.7	+36 34	9.2	G5V	403
175329	49.7	-60 20	5.2	K1III-IV	457 705 714
	49.9	+18 02	10.3	F5I	672
175362	49.9	-37 28	5.2	B7,5V	133
				B8IV	456 476
				B9III:	495
+37°3270	50.0	+37 29	8.1	K0III	403
175377	50.0	-08 19	8.8	N	6 v
				N3($C5_6$)	765
+36°3308	50.3	+36 53	9.5	K2III	403
175491	50.5	+37 15	7.7	G5III,IV +F8?	403
+36°3311	50.5	+36 41	10.4	F2III	403
+35°3402	50.5	+35 59	8.7	F2V	403
175492/3	50.5	+22 31	4.6	G4III+A6V	177 112 sb
175510	50.5	-53 04	5.2	B9III	456 460 641 645
+36°3312	50.6	+36 43	9.2	K0III	403
175514	50.6	+09 13	8.6	O8::	495
				O8:Vnn	139 251 257
175518	50.6	-05 52	7.5	K0IV-V	253 471
175535	50.8	+50 35	5.0	G8III	53 469 475 535 714 106
175544	50.8	+00 08	7.4	B3V	257
175545	50.8	-00 52	7.5	K2III	38
	50.8	+17 04	10.8	F8I	672
175578	50.9	+29 54	8.8	G5III	659
175580	50.9	+07 03	6.8	G2I	51
				K0III+A	384
175588	51.0	+36 47	4.5	M4II	403 v
175607	51.0	-66 19	8.5	G8V	705 713
175638	51.2	+04 04	4.5	A5V	112 299 458 472 714 vb
+36°3321	51.3	+36 41	10.4	F1V	403
+26°3394	51.3	+26 52	9.3	G8III	659
175679	51.4	+02 21	6.0	G8III	117
+36°3323	51.5	+36 03	10.4	G2V	403
+36°3325	51.7	+36 15	9.0	K2III	403
175743	51.7	+17 59	5.6	K1III	117
175751	51.7	-05 58	5.0	K2III	53 253 299 705 714 106
175754	51.7	-19 17	7.0	O8f	139 251 173 sb
175775	51.8	-21 14	3.6	K1III	645
+37°3282	51.9	+37 55	8.7	K2III	403
-5°4819	51.9	-05 39	10.3	B2pe(IV)	116
175803	52.0	+19 43	8.0	B3V	495 692
175813	52.0	-37 14	4.8	F0V	456 766 v
175856	52.2	-44 16	8.6	F6V	457 705
175863	52.3	+59 53	6.9	B4Ve	729
175865	52.3	+43 49	4.0	M5III	8 458 472 508 v
175876	52.3	-20 33	7.0	O6	76 139 251 598
+37°3285	52.4	+37 47	9.0	G0IV	403
175893	52.4	-29 38	9.3	R0	6 308
175905	52.5	-00 39	7.5	K1III	38
175922	52.6	+13 14	6.9	Am	181 559
175940	52.7	+28 04	8.4	K2III	659
+36°3333	52.8	+36 31	10.4	F1V	403
-13°5166	52.9	-13 31	10.3	B0II-III	116
176029	53.1	+05 49	9.3	M2V	253 296 677 714
176047	53.2	-34 36	7.9	K1III	705 713
176051	53.3	+32 46	5.2	G0V	53 156 285 287 295 653 665 677 714 725 726 106 vb
176077	53.4	-07 29	9.6	B1Ia	116
176133	53.7	+36 20	6.7	K1III	403
176155	53.8	+17 14	5.4	F4I	672 v
				F8Ia,F5Ia	51
176162	53.8	-12 59	5.4	B5V	105

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	18h				
176200	54.0	+14 14	9.6	N	6 v
176230	54.2	+28 01	8.9	K1II	659
176232	54.2	+13 46	5.9	Ap	516
				A4p	174 555
+27°3185	54.3	+27 39	8.5	A0(p)	555
176301	54.4	+19 39	6.2	B6V	194
176303	54.5	+13 29	5.4	F8III-IV	45 287 665 v
				F8IV	106
				F8V	714 27
176304	54.5	+10 00	6.5	B2V	495 692
176318	54.6	+38 08	5.8	B6V	194
176354	54.5	-57 08	7.1	K1IV	705 713 714
+37°3296	54.7	+37 44	8.7	K2III:	403
176375	54.9	+36 17	8.0	F0V	403
176391	55.0	+42 32	8.2	F5III	38
230334	55.0	+11 16	9.6	B8II	672
176411	55.1	+14 56	4.2	K2III	8 53 259 299 469 475 479 758 106
176427	55.1	+44 17	8.3	F2IV	465 705
176437	55.2	+32 33	3.2	A0p	733 v
				B9III	30 65 81 94 172 194 287 304 383 529 530 598 641 687 714 732 734 738
				B9V	22
-37°8452	55.2	-37 06	10.0	A5eII	682 v
+29°3429	55.4	+29 28	8.7	G0V	313 vb
+36°3352	55.4	+36 46	9.1	K0V:	403
+29°3427	55.4	+29 40	8.9	A5(p)	555
176486/5	55.4	+12 45	7.1	K4II-III + B9,5V	313
+29°3429	55.5	+29 28	9.0	F8V	659
176524	55.6	+71 10	4.9	K0III	53 101 469 535 714 106 sb
176527	55.7	+26 05	5.3	K2III	53 469 475 106
176531	55.6	-00 36	7.2	G5IV	387
176542	55.7	+15 13	8.9	B2V	495 692
176567	55.8	+01 14	8.4	G7III	387
176578	55.8	-47 11	6.8	K0IV	457 471 705
176592	55.9	-12 54	9.4	Se	259 765 v
				S5,5e:	98
+26°3420	56.0	+26 13	9.6	G8III	659
176627	56.1	+14 33	8.1	F2III	100
176630	56.1	-06 20	7.7	B4IV	481
176668	56.3	+62 16	6.4	G5IV+G8V	313 714
176670	56.3	+32 00	5.1	K3II	53 203 469 475 479
176678	56.3	-05 53	4.2	K1III	53 705 714 v
176687	56.3	-30 01	3.0	A2III	457 705 714 sb
				A2IV	287 439 444 449
				A2V:	456 714
176695	56.4	+28 33	9.2	G8III	659
176737	56.6	+02 28	7.3	K4II-III	387
176776	56.8	+19 10	6.3	K1III	117 714
176871	57.2	+26 09	5.5	B5V	105
176886	57.2	-20 52	8.5	F5IV	38
+26°3430	57.5	+26 16	9.4	K1III	659
176942	57.5	+10 50	7.5	Am	181 559
+10°3764	57.6	+10 06		N	93
177003	57.7	+50 23	5.2	B3V	105 424 sb
+29°3448	57.9	+29 53	9.1	F0(p)	555
+11°3707	57.9	+11 07	10.6	B1Ia:	116 257
177074	58.0	-31 12	5.5	A0IV	456
177082	58.1	+14 26	6.8	G2V	100 v
177199	58.6	+19 31	6.0	K1III	117 714
177230	58.7	-04 28	11.1	WN8	321 339
177251	58.8	+29 09	9.0	G8III	659
177284	59.0	-02 11	8.8	B0,5V	125 765 v
				B0,5p	251 257
				B0,5pV	766
177336	59.1	-05 50	6.5	N	6 v
				N6($C6_4$)	1
				$N6_4$	135
+2°3771	59.2	+02 58	9.2	B0III	116 251 257
230579	59.4	+10 58	9.1	B1,5:IV:ne	116 257
				B3e	28
177433	59.6	+14 57	7.6	G8IV	100
				K0II-III	38 687
177474	59.6	-37 12	4.2	F7	287 sb
				F8V	299 705 714
				F8V+F8V	457
177489	59.7	+14 39	9.7	F5V	100
177490	59.7	+12 51	8.0	A0II	672
177517	59.9	-15 49	5.9	A0p	555
	19h				
177565	00.1	-37 57	6.1	G5IV	465 705
177622	00.4	+16 25	10.5	A0(II)	672
177688	00.6	-43 04	9.0	G0IV	465 705
177700	00.7	+12 01	9.7	B8II	672
177716	00.7	-27 49	3.4	K1III	645 sb
177175	00.8	+12 11	8.7	S7,2	98
177724	00.8	+13 43	3.0	A0V	439 641 sb?
				B9V	78 81 299 472 714 732
				B9,5V	194 287 665 687
177756	00.9	-05 02	3.3	B7V	456 641 719
				B8V	81 645
				B8,5V	287 439 705 733
				(B9)V	584
177758	00.9	-12 02	7.2	G0V	253 714
+75°7157	01.2	+75 10		M0V	423
177808	01.2	+31 36	5.8	M0III	253
177812	01.2	+03 06	8.9	B1Ib	74 116 135 251 257
177983	01.8	+15 42	7.2	Am	563 559 181
				F0p	100
				F6II	390
177996	01.8	-42 35	7.8	K1V	711
178011	01.9	+05 05	8.3	F3IV	38
178029	02.0	+29 11	9.2	G8III	659
178062	02.1	+06 59	10.0	M6ep	765 v
178124	02.3	+11 17	9.4	B1Vnn	116 257
178125	02.3	+10 55	5.1	B7V	194 687 v sb
178126	02.3	+07 30	9.4	K5V	253 296
178129	02.3	+03 17	7.4	B3Ia	74 116 251 257 486
				B3II	495 692
178165	02.4	+05 04	7.6	K3III-IV	38
178175	02.4	-19 27	5.4	B2Ve?	105 sb
+28°3192	02.6	+28 34	9.9	F8V	659
+28°3198	03.0	+29 02	9.5	G2V	659
178316	03.0	-17 26	10.6	R2	6
178322	03.0	-42 03	5.8	B5V	456 476 705
178332	03.1	+15 21	8.3	F8Ib:	51
				G0III	384
178359	03.2	+01 09		F5I	51 v
178379	03.3	+14 31	8.5	G8V	100
178395	03.3	-42 54	9.3	K0IV	465 471 705
+44°3063	03.5	+44 40	10.5	A5p	559
178450	03.6	+30 05	8.8	G8V	659 sb
178475	03.7	+35 57	5.1	B7IV	105 728 729 732
SV Sge	03.8	+17 29	10.8	R2	6 v
178524	03.8	-21 11	3.0	(F2II)	47 97 155 303 439 106 529 530 641 645 705 758
178612	04.2	+48 46	7.3	K4III	38
V1157 Sgr	04.2	-20 39	12.5	R	765 v
178628	04.2	-39 10	6.5	B6V	456
				B8III	481
				B8(Mn)	402
178695	04.5	+10 23	8.5	F2I	51 v
				(F9Ia)	672
	04.6	+21 10	11.4	F9I	672
178798	04.9	+30 08	8.5	K3III	659
179070	06.0	+38 33	8.0	F6IV	38
179094	06.1	+52 16	5.9	K1III-IV	652 sb
				K1IV	117 469 471 475 714
179140	06.2	-58 10	7.2	G2V	457 705 714
179153	06.3	-01 33	10.8	R8	6
+30°3649	06.4	+30 34	9.7	G8IV	40
179177	06.4	-16 36	8.1	F5III	38
230841	06.5	+19 04	10.4	A3II	672
+28°3225	06.6	+28 11	9.3	F6V	659
	06.6	+15 00	11.3	B8II	672
ST Lyr	06.7	+43 27	10.6	M4IIIe	765 v

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
179259	06.8	+44 23	8.9	A5p	559
	07.0	+16 42	11.9	WN8	3 538 556
179355	07.1	-31 07	11.3	R3	6
179367	07.2	+44 22	7.2	A5p?	559
179406	07.3	-08 01	5.4	B3IV	105 131 645 646 v
+26°3472	07.4	+26 14	8.8	G5III	659
179458	07.6	+45 34	8.7	Am?	559
+44°3074	07.6	+44 21	10.2	A3p	559
179484	07.7	+38 37	8.2	G5V	253 714 ts
179527	07.9	+31 07	5.8	B8p	687 714 194
179558	08.0	+16 41	7.9	G5V	253 687 714
179576	08.0	-32 36	8.4	G8III-IV	705 713
+27°3280	08.1	+28 00	9.5	F4II	672
179588	08.1	+16 40	6.4	B8V	194 687
179626	08.2	-00 45	9.3	F8V	253 296
179648	08.3	+21 23	5.9	A2V	194
230891	08.5	+16 19	9.9	F4Iab	672
179735	08.6	+29 50	8.3	F2II	672
179737	08.6	+09 31	7.9	G8II-III	387
179757	08.7	+18 58	8.3	FOV	38
179761	08.7	+02 07	5.1	B8(p)	555
179784	08.8	+14 52	6.7	G5Ib	387 469
179785	08.8	+14 46	7.4	K3II-III	387 469 687
				K4III	38
179869	09.1	+41 04	7.3	M3III	38
	09.1	+19 47	11.0	B8Ib	672
179892	09.2	+07 20	7.6	Am	181 559
179930	09.3	-46 04	9.3	K9V	705 713 sb
179957/8	09.5	+49 40	6.6	G4V+G4V	296 253
				G8V+G8V	108 vb
179985	09.6	+34 19	8.0	F7III	38
180006	09.7	+56 41	5.2	G8III	53 101 469 475 535 714 106 v
	09.7	+27 08	9.0	R3	6
180015	09.7	-16 17	7.5	G8III	38
180028	09.8	+05 52	7.2	F5I,F2Ia	51
				F6Ib	47 287 384 399 469
W Aql	10.0	-07 13	8.0	Se	259 v
				S4,9:	98
				S4,9e	646
	10.2	+15 26	11.7	B8II	672
180126	10.2	+09 37	7.9	B3p	48
180162	10.4	+46 49	8.4	M5IIIe	765 v
180163	10.4	+38 58	4.5	B2IV	105 131 197 699 719 728 729 sb
	10.4	+17 25	11.1	AOII(1e)	672
180183	10.4	-56 20	7.0	B3IV	481
180196	10.5	-17 09	8.0	Se	259 v
				S6e	765
				S5,8e:	98
+30°3482	10.7	+30 54	10.9	F7I	672
180239	10.7	+45 24	9.5	A2p	559
180262	10.8	+14 55	5.7	G5p	47 287
				G5pII:AlV	391
				G8II-IIJ	158
180377	11.2	+18 20	6.7	M2III	387
	11.4	+26 24	10.7	F4II	672
180502	11.7	+28 58	8.8	GOIV	659
180540	11.8	-19 08	5.0	G5III	645
				G8II	53 106
180553	11.9	+27 17	6.3	B5III	194
180554	11.9	+21 13	4.6	B3IV	105 486 697 719 728 729 732 v
180555	11.9	+14 22	5.5	B9V	194 687
180583	12.0	+27 45	6.1	F5Iab,F5Ia	51
				F6Ib	672
				F6Ib-II	384 399
				F6II	47 287 469
231041	12.0	+14 27	8.7	AOp	26
231031	12.0	+14 13	10.2	AOp	555
180587	12.0	+10 49	8.1	B9II	672
180610	12.1	+57 32	5.3	K2III	53 101 469 475 535 714 106
180617	12.1	+05 03	9.1	M2,5V	646
				M3,5V	65 78 287 295 296 573 677 725 94
180638	12.2	+28 07	8.1	Am	181 559
180660	12.3	+09 50	8.5	K2II+A4II	313 vb v
	12.4	-07 56	9.5	M3,5V	65 665
180711	12.5	+67 29	3.2	G8III	758
				G9III	53 71 101 131 299 469 479 535 714 106
180714	12.5	+18 39	8.3	FOIV	38
CG Vul	12.6	+21 44	13.5	N(C_4)	765 6 v
180777	12.8	+76 24	5.2	F2V	458 474 714 27
180778	12.8	+59 31	7.5	A2(p)	555
	12.8	-11 16		WR	321
180809	12.9	+37 57	4.5	KOII	145 178 287 313 469 475 479 687 106
180867	13.1	+46 53	8.1	F6V	38
+37°3399	13.1	+38 01	9.1	K2III	313
180885	13.1	-35 36	5.4	B4IV	456 476 641
				B6V	133 645
180939	13.4	+22 16	6.9	B5V	125 sb
				B5V+A2	765
180940	13.4	+18 40	7.6	G2III-IV	38
180953	13.5	-16 05	6.7	N	6 v
				R8	308
180968	13.5	+22 51	5.4	BOnn	530 v
				BOIII	728 729
				BOIV	766
				BO,5IV	251 197 486
180972	13.5	+00 54	5.3	K2II-III	53 469 475 714 106 v
181047	13.8	+25 11	8.4	G8V	659
181099	14.0	+16 31	7.2	Am	181 559
181119	14.2	+30 50	6.5	A3V	194
181122	14.2	+09 27	6.3	G9III	117 714
+27°3334	14.3	+27 40	10.1	A4Ib(1e)r	672
231124	14.3	+14 09	10.9	B2III:	116
+22°3655	14.4	+22 33	10.4	AOII	672
181182	14.4	+19 26	6.3	B7III+K1III	125 sb
				B8III	714
181206	14.5	+46 24	8.7	A5p(m?)	559
+28°3380	14.5	+28 17	9.8	FOV	40
181214	14.5	+06 58	7.7	F2I	51
				F8III	384 287
181276	14.8	+53 11	4.0	G8III	758
				KOIII	53 71 101 145 469 475 479 535 714 106
181312	14.9	-10 44	7.3	M5III	38
181358	15.1	+54 07	8.1	F6IV	38
	15.1	+15 26	11.7	B9Iab	672
181383	15.2	+11 21	6.0	A3V	194 687
181386	15.2	+03 52	7.9	G5II+KOIII	313 sb
181391	15.2	-05 36	5.1	G8III-IV	53 57 259 714 106 sb
				KOIII	178
181428	15.3	-29 47	7.1	GOIV	457 705 714 vb
181454	15.4	-44 39	4.2	B8V	641 645 705 714 vb
181470	15.5	+37 16	6.2	AOIII	194 687 714 sb
181475	15.5	-04 41	7.4	K5II	38
+41°3306	15.7	+41 28	9.0	KOV	296 253
181544	15.7	-29 42	7.1	GOIV	457 705
	15.8	+35 09	11.3	A3Ia	672
V475 Cyg	15.9	+43 48	11.9	M5III	765 v
181577	15.9	-18 02	4.0	FOIV	665 705 714
181597	16.0	+49 23	6.1	K1III	117
	16.0	+21 54	11.1	B8IIr	672
181604	16.0	+10 28	7.9	F7IV	38
181615/6	16.0	-16 08	4.4	Bp	645 sb
				B8p+F2p	765 132
				Ape	47
181655	16.1	+37 09	6.4	G8V	117 469 687
231195	16.1	+14 14	7.7	F5Ia	51 384 399 646
				F8I	51
				F8Ia	672
181657	16.2	+35 21	7.8	K3III+gA +gF?	313 ts
181681	16.3	+40 05	7.4	K4III	38
181743	16.5	-45 14	9.6	Fp	705 465
				F5IV	519
181773	16.6	-62 22	7.6	F5IV	457 705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
+37°3418	16.7	+37 37	8.3	Ne	6 v
				Ce	259
+24°3721	16.7	+24 56	10.4	F4II	672
181828	16.9	+35 00	6.3	B7III	194
+10°3872	17.0	+10 34	10.9	B8Ibr	672
181853	17.0	+06 55	8.0	F2V	23
181869	17.0	-40 48	4.3	B8V	645 705
				B9III	456 641
+6°4106	17.1	+06 35	11.5	G5V	23
	17.3	+17 24	10.8	B9Ib	672
181963	17.4	+25 25	7.3	B2V	486 495 692
231235	17.4	+15 40	9.6	A3Ib	672
181984	17.5	+73 10	4.6	K3III	53 479 535 714 101sb
181987	17.5	+25 23	7.0	B3-4V +	106
				A2-3III	150 v
				B4V +	
				A23-III	766
				B5V	125
				B5V +	
				(A3-A5)	765
181988	17.5	+06 12	10.1	K2III	23
231243	17.6	+16 21	9.9	A2II	672
+6°4110	17.6	+06 55	11.4	G2V	23
182011	17.6	+06 54	10.1	G5III	23
+6°4112	17.7	+06 35	11.9	M2III	23
+6°4113	17.7	+06 17	12.4	G8III	23
+5°4124	17.7	+05 59	12.1	G8III	23
182040	17.7	-10 53	7.0	R0(Cl_2)	1 107
				R0 Cl_2	646
				R2	6 308
+30°3526	17.8	+30 59	9.8	A0Ib-IIIe	672
182056	17.8	+30 11	8.0	K2II	659
182081	17.9	+07 32	9.5	G2V	23
182101	18.0	+09 43	6.2	F2II	51
				F6V	384
+7°4048	18.0	+07 21	11.2	G8V	23
182156	18.2	-30 59	7.8	K0IV	457 471 705 714
+28°3304	18.2	+28 28	10.3	A1II	672
182180	18.3	-28 03	5.9	B5IV	476 481
231267	18.4	+15 52	9.8	B7II	672
182195	18.4	+07 47	10.5	K0III	23
182196	18.4	+07 20	8.4	K5V	23
182218	18.5	+26 58	8.0	K1III	659
+7°4053	18.5	+07 17	11.6	G8V	23
+5°4127	18.5	+05 47	11.6	G5V	23
182241	18.6	+07 59	9.8	F0III	23
182255	18.7	+26 04	4.9	B6III	719 728 729 732 v
182256	18.7	+25 08	8.6	F5IV	659
182272	18.8	+33 19	6.0	K0III	117
182274	18.8	+19 11	7.8	F6V	664
182293	18.9	+20 05	7.0	K1IV	550
				K1V	664
				K3III	253 469 475 687
				K3pIV	387
231285	18.9	+15 01	9.5	B0III	251 257
182296	18.9	+08 28	7.1	G2Ib:	51
				G3Ib	384 399 469
182335	19.1	+20 23	7.8	F8V	550 664
+44°3115	19.1	+44 22	10.8	Am	559
+6°4120	19.2	+06 37	12.1	M5III	23
182381	19.3	+15 49	7.4	B9p	26 555
182407	19.4	+05 22	7.6	G0V	23
182422	19.4	+20 04	6.5	B8V	194 664 687
+8°4081	19.4	+08 09	11.9	G5III	23
+5°4132	19.4	+05 09	11.8	G8III	23
182424	19.5	+07 44	10.0	G5III	23
182449	19.6	+06 45	9.3	K0III	23
+5°4134	19.6	+05 57	12.5	K0III	23
182474	19.7	+05 12	8.8	F5V	23
182488	19.8	+33 01	6.3	K0V	117 469 475 714
182489	19.8	+18 33	7.5	B8V	664
+21°1969	19.9	+21 25	10.4	G8III	664
+20°2054	19.9	+20 20	9.1	F6V	664
182490	19.9	+16 45	6.0	A2III?	194 687 714 sb
182517	19.9	+08 07	9.8	K0V	23
+7°4061	19.9	+07 16	11.2	G8III	23
+6°4125	19.9	+06 30	12.2	G8III	23
+5°4136	19.9	+05 07	10.9	K0III	23
+8°4087	20.0	+08 07	11.5	K0III	23
+7°4062	20.0	+07 19	11.4	G5III	411
182549	20.1	+46 06	7.8	G6II	38
182564	20.2	+65 31	4.6	A2IV	81 714
182568	20.2	+29 26	4.9	B3IV	105 729
182570	20.2	+21 19	8.4	F2V	664
182572	20.2	+11 44	5.2	G8IV	53 62 156 196 253 106 287 288 296 362 459 469 475 479 653 665 677 724 726 v
+19°4003	20.3	+19 35	10.5	A3II	672
182617	20.4	+28 22	7.6	K0III	117
				K1III	659
182618	20.4	+27 53	6.4	B3V	194
+22°3686	20.4	+22 31	9.2	F2II	672
182620	20.4	+19 44	7.1	A2V	664
182635	20.5	+36 15	6.3	K1III	117 714
+22°3687	20.5	+22 34	9.4	B2(V)pe	251 257
182640	20.5	+02 55	3.4	F0IV	112 131 677 v sb
				F0IV-V	287 288 725 726 106
				F0V	641
+30°51027	20.6	+30 26	10.7	R5	308
+19°4005	20.6	+19 36	8.9	B9V	664
+6°4127	20.6	+06 53	12.3	G5III	23
+4°4097	20.7	+05 00	11.4	K5III	23
182681	20.7	-29 56	5.6	B9V	456 641 645
+21°1974	20.8	+21 38	9.3	A0V	664
182699	20.8	+07 46	8.5	F2III	23
	20.9	+31 04	10.6	F8I	672
182718	20.9	+19 28	8.9	Ap(m)	551 555
182720	20.9	+07 29	9.1	F2V	23
182739	21.0	+04 59	9.4	K0IV	23
182761	21.0	+20 05	6.4	A1V	194 687
				B9V	664
182762	21.1	+19 36	5.3	K0III	53 287 469 475 687 106
				K0V	664
182763	21.1	+05 47	10.1	G8III	23
182785	21.2	+07 00	8.0	F0III	23
+25°3824	21.3	+25 31	9.6	K1II-III	659
182807	21.3	+24 44	6.2	F6V	253 296
+20°4134	21.3	+20 21		G7III	550
231385	21.3	+19 16	9.8	B9V	664
+7°4069	21.3	+07 53	12.3	G5III	23
+5°4143	21.3	+05 10	11.8	K2III	23
+26°3549	21.4	+26 08	9.7	K2II	659
+8°4096	21.4	+08 12	12.2	K2III	23
182835	21.4	+00 08	4.9	F2Ib	42 112 163 303 399 646 367
+6°4132	21.5	+06 33	12.7	K0III	23
182869	21.6	+05 51	10.5	F8IV	23
+5°4144	21.6	+05 33	11.8	K0III	23
+5°4145	21.6	+05 26	12.1	G8III	23
V734 Cyg	21.7	+44 17	12.8	Se	765 v
182895	21.8	+45 09	8.6	F0p	559
182900	21.8	+12 49	5.8	F5Ib	51
				F6III	384
182903	21.8	+07 48	9.1	G5III	23
+6°4134	21.8	+06 13	12.2	K0III	23
182917	21.9	+50 02	7.1	M7III	8 v
182919	21.9	+19 54	5.6	A0V	194 664 687 (B9n:287)
182937	22.0	+18 47	8.1	A1V	664
182955	22.1	+19 41	6.1	K5Ib	550
				M0III	664
231420	22.1	+19 02	10.1	B9IIIp	551
182972	22.2	+20 03	6.7	A1V	562 664
+7°4074	22.2	+07 27	11.6	K0III	23
182974	22.2	+06 35	10.1	K0III	23
183014	22.4	+20 57	7.7	B7V	664
183016	22.4	+06 45	9.5	M2III	23
183017	22.4	+04 43	9.3	K5III	23
183030	22.5	+88 59	6.7	M1III	287
+19°4023	22.5	+19 57	9.1	F8V	550
231438	22.5	+19 33	9.2	F5V	664
183039	22.5	+08 33	10.5	F5V	23

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
+6°4137	22.5	+07 00 12.3		K3V:	23
183056	22.6	+36 07 5.2		B8p	687 194 sb
				A0p	555 733
+19°4024	22.7	+19 52 8.7		F3V	664
+6°4140	22.7	+06 59 11.0		F5V	23
183084	22.7	+05 49 8.3		K0III	23
183127	22.9	-00 37 8.1		F6IV	38
183133	22.9	-15 18 7.0		B5V	481
183143	23.0	+18 05 6.8		B6Ia	672
				B7Ia	42 48 132 251 257
					486 598 646
	23.0	+13 17 11.3		B9V	672
183163	23.1	+08 11 8.7		G5III	23
+7°4078	23.1	+08 04 11.9		G5V	23
+6°4143	23.1	+06 15 11.9		G8III	23
+6°4144	23.2	+06 25 9.3		G5V	23
+19°4027	23.2	+19 56 9.0		B8V	664
+8°4108	23.3	+08 20 11.8		G5III	23
183207	23.3	+08 04 9.3		G8IV	23
+6°4145	23.3	+06 57 11.8		K2III	23
183208	23.3	+05 20 8.7		M5III	23
183216	23.3	-31 00 7.1		G2V	457 705
+5°4155	23.4	+05 06 10.8		F5V:	23
+4°4116	23.4	+04 55 11.8		G8III	23
183225	23.4	+04 50 10.5		G5V	23
+6°4148	23.5	+06 39 11.7		K3III	23
183261	23.6	+20 02 7.2		B3II	562
183262	23.6	+17 38 6.9		Am	181 559
183263	23.6	+08 09 7.7		G2IV	23
+7°4082	23.6	+07 30 11.0		G8III	23
+5°4156	23.6	+05 31 12.0		K2III	23
183275	23.6	-27 11 5.5		K3III	705 713
183282	23.7	+21 33 8.3		B8V	664
231517	23.7	+11 52 10.2		(F2II)	672
183285	23.7	+05 14 9.6		G0IV	23
231518	23.8	+16 05 8.7		F7IV	387 sb
183303	23.8	+08 39 7.6		F0III	23
183312	23.8	-32 18 6.6		F5IV-V	457 705
+7°4083	23.9	+07 08 11.8		G5III	23
+6°4153	23.9	+06 57 11.8		G2V	23
+6°4151	23.9	+06 35 12.1		K5III	23
+5°4159	23.9	+05 42 12.1		K0III	23
	24.0	+19 23		WR	321
183365	24.1	+07 50 8.5		M0III	23
+8°4113	24.2	+08 34 12.0		G8III	23
+7°4088	24.2	+07 17 11.6		K2III	23
+6°4156	24.2	+06 57 12.1		M0III	23
183399	24.3	+29 14 6.5		K0III	117
				K1III	659
+20°4155	24.3	+20 51 9.5		A5V	664
231539	24.3	+19 15 9.3		F2V	664
+7°4091	24.3	+07 58 11.0		F5V	23
+7°4089	24.3	+07 09 10.7		K0III	23
183418	24.4	+21 46 7.7		G5II	550
				G8III	664
183419	24.4	+18 16 7.8		B6IV	664
+7°4092	24.5	+07 06 12.0		G5III	23
183439	24.5	+24 28 4.6		M0+III	62 145 253 472
183459	24.6	+21 25 8.4		B8V	664
183462	24.6	+07 20 9.7		F0III	23
231564	24.8	+12 22 10.2		B1Ib	116 257
+7°4096	24.8	+07 11 10.9		G8III	23
+6°4159	24.9	+06 40 12.0		G2V	23
183537	25.0	+20 04 6.4		B5V	664
+6°4162	25.0	+06 33 11.7		G8III	23
183538	25.0	+06 28 8.6		K0III:	23
+4°4125	25.0	+05 04 11.8		G5V	23
183552	25.0	-53 24 5.9		Am	422 555
183556	25.1	+76 23 6.1		N	6 v
				NO	1
				NO($C6_4$)	765
				NO($C7_3$)	535
183561	25.1	+26 30 8.0		B2III	251 257
183562	25.1	+21 07 8.4		A0III	664
+5°4164	25.1	+06 01 11.7		G8III	23
V374 Aql	25.1	-01 03 12.5		Ne	6 v

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
				Ce	259
+29°3613	25.2	+29 31 10.6		G5V	40
+29°3616	25.9	+29 25 11.6		K2III	40
+27°3406	25.3	+27 51 9.6		F2II	672
+7°4098	25.3	+07 14 12.1		K0III	23
+5°4165	25.3	+05 24 10.6		F8IV	23
183629	25.4	+30 20 7.5		K0III	40
+8°4117	25.4	+08 30 11.9		G5V	23
+7°4099	25.4	+08 02 11.2		K0III	23
+4°4127	25.4	+04 47 11.2		G5III	23
183630	25.4	+03 00 5.2		M1III	645 v
+25°3852	25.5	+25 48 11.1		F1I	672
183654	25.5	+06 11 8.7		G5III	23
+30°3594	25.6	+30 12 11.0		K2III	40
183656	25.6	+03 14 6.3		B5V?pe	766 v
183681	25.6	+22 30 7.5		M0III	38
231606	25.8	+18 29 9.8		K2(II)	664
				K3III	551
+45°2906	25.8	+45 5o 8.0		N	6 v
				N3($C3_6^-$)	765
	25.8	+21 08 11.7		B9II	672
	25.8	+11 52 11.2		F6Ib	672
183732	25.8	+07 39 9.0		K0IV	23
+6°4167	25.8	+07 03 11.4		K0III	23
183733	25.8	+05 42 9.1		F0III	23
+46°1731	25.8	+46 25 11.1		G8III	320
183753	25.9	+28 31 8.2		K3II	659
+7°4104	25.9	+07 59 12.0		G5III	646
+6°4170	25.9	+07 00 11.8		G5III	23
+6°4169	25.9	+06 25 11.6		K0III	23
231621	26.0	+18 57 9.8		B5III	664
344507	26.0	+21 05 9.3		F7V	384
+20°4166	26.0	+21 05 9.3		F5I	51
+30°3597	26.1	+30 48 11.8		G8IV	40
+30°3596	26.1	+30 11 11.9		K2V	40
+29°3618	26.1	+29 53 9.0		F2V	40
+20°4168	26.1	+20 41 11.2		B8II	672
+20°4167	26.1	+20 33 9.4		G5III	664
+8°4121	26.1	+08 45 12.1		G5V	23
+6°4171	26.1	+06 57 11.2		G2V	23
183791	26.1	+06 10 7.8		G2II	23 38
183806	26.1	-45 29 5.8		Ap(Am?)	456 460
				A0p	402
+8°4124	26.2	+08 22 11.3		G5III	23
+8°4122	26.2	+08 18 9.9		B1Ia	116
				G2V:	23
183814	26.2	+05 28 8.7		F0III	23
+20°4167	26.2	+20 33 9.4		G8III	550
+30°3598	26.3	+30 16 10.1		G0V	40
+29°3619	26.3	+29 30 11.7		K0V	40
183832	26.3	+08 11 8.4		G0IV	23
183833	26.3	+07 25 9.1		G8V	23
+30°3601	26.4	+30 18 11.4		G8V	40
+7°4109	26.4	+07 07 11.7		G5III	23
+5°4173	26.4	+05 41 11.2		K0III	23
183851	26.4	+05 14 8.9		K0IV	23
+5°4174	26.4	+05 08 10.4		F8III	23
+5°4172	26.4	+05 06 10.6		G5V	23
+4°4136	26.4	+05 02 10.7		F8V:	23
+4°4135	26.4	+04 59 11.7		G8III	23
183864	26.5	+24 54 8.1		G0Ib	51
				G2Ib	384 399
	26.5	+28 36 10.7		F3(II)	672
+20°4172	26.5	+20 38 9.4		A3II	664
183877	26.5	-28 12 7.0		G5IV	457 471 705
	26.6	+29 46 11.7		F3II	672
+20°4170	26.6	+21 00		G0III	550
183887	26.6	+19 13 7.9		K2III	664
				K5Ib	550
+4°4137	26.6	+04 33 11.4		G5V	23
+30°3602	26.7	+30 31 10,6		F2V	40
+29°3621	26.7	+29 14 10.3		F5V	40
183912	26.7	+27 45 3.1		K0II+B9V	177 v
				K1p	479
				K3II+B	131 391 vb
183914	26.7	+27 45 5.4		B7V	194 vb
				B8V	65 131 185 391 455
183915	26.7	+11 25 7.9		Kp	387

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
183918	26.7	+05 27	8.9	K2III	23
183930	26.8	+30 22	9.5	M2III	40
183934	26.8	+07 00	9.2	GOV	23
183935	26.8	+06 42	8.1	G5III	23
183936	26.8	+05 33	7.2	F2III	23
+30°3604	26.9	+31 01	11.6	KOIII	40
+21°3807	26.9	+21 49	9.7	G8V	550
+8°4128	26.9	+08 30	11.0	K2III	23
+29°3623	27.0	+29 30	9.6	K5III	40
	27.0	+19 44	11.6	AIIab	672
+7°4113	27.0	+07 32	11.0	G8III	23
+28°3369	27.1	+28 50	11.9	KOIII	40
	27.1	+17 19	12.2	(B9II)	672
+7°4115	27.1	+07 06	11.1	G8V	23
183986	27.2	+36 01	6.0	B9,5III	194
183992	27.2	+05 16	8.9	G8III	23
183993	27.2	+05 12	8.5	G8IV	23
184006	27.2	+51 31	3.9	A5V	81 472
+30°3606	27.2	+31 03	11.6	G5V	40
231683	27.2	+17 34	8.3	G2V	253
+8°4131	27.2	+08 08	10.5	G8IV	23
184013	27.2	+07 16	7.0	K2III	23
+28°3371	27.3	+28 57	10.6	F8III	40
+28°3372	27.3	+28 49	10.7	G5IV	40
184025	27.3	+06 27	8.1	F2IV	38
				F2V	23
184035	27.3	-40 15	5.9	A3III	318
+4°4144	27.3	+04 38	11.0	G5V	23
+30°3608	27.4	+30 59	11.2	KOIII	40
184058	27.5	+28 30	7.5	FOV	40
+21°3810	27.5	+21 06	9.0	FOV	664
+8°4132	27.5	+08 36	11.9	G8III	23
231701	27.5	+16 15	8.5	F8V	387
+30°3610	27.6	+30 44	10.5	G8III	40
+5°4180	27.6	+05 28	11.0	F8III:	23
231718	27.7	+14 12	10.8	B9II	672
+28°3375	27.8	+28 56	9.4	G8III	40
184108	27.8	+20 44	6.8	B9III	664
184110	27.8	+07 41	8.0	F2III	23
184127	27.8	-48 19	5.0	G9III	645
+30°3612	27.9	+30 13	11.2	G8IV	40
184132	27.9	+06 03	8.9	G8III	23
184133	27.9	+05 48	8.9	KOIII	23
184149	28.0	+31 00	9.1	MOIII	40
184150	28.0	+29 59	7.7	K2III	40
				K3III	659
184152	28.0	+07 11	9.1	G5V	23
+6°4184	28.0	+06 08	12.0	K5III	23
184153	28.0	+05 32	8.8	F5V	23
+5°4183	28.0	+05 21	11.9	K5III	23
184171	28.1	+34 14	4.8	B3IV	105 697 719
184174	28.1	+09 41	8.1	G8III	387
184176	28.1	+05 52	8.7	K3III	23
+30°3616	28.2	+30 48	10.5	F2V	40
+30°3615	28.2	+30 35	11.0	K2III	40
184200	28.2	+05 32	7.9	KOIII	23
184201	28.2	+04 49	6.8	M5III	23
+29°3630	28.3	+29 50	11.4	G8III	40
+29°3631	28.3	+29 42	11.4	G5V	40
+30°3617	28.4	+30 40	10.5	K2IV	40
+29°3632	28.4	+29 26	10.0	G8Ib	40
+28°3377	28.4	+28 13	11.3	G5V	40
231762	28.4	+12 28	10.4	F3II	672
	28.5	+19 18	11.3	A2II	672
+5°4188	28.5	+05 59	10.9	G8V:	23
+31°3648	28.6	+31 08	11.0	K5III	40
+30°3619	28.6	+31 03	11.8	K2III	40
+30°3620	28.6	+30 09	11.2	KOIII	40
+29°3634	28.6	+30 04	12.5	K3III	40
184275	28.6	+21 15	7.9	G8III	550
				K1III	664
184279	28.6	+03 34	6.8	B0,5IV	131 197 251 646
				B1V:n	495 692 705
-0°3775	28.6	-00 09	9.2	FO(p)	555
184283	28.6	-16 35	8.5	N	6 v
				N3($C5_1$)	765

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
+29°3635	28.7	+29 23	11.7	K3III	40
+29°3636	28.7	+29 09	11.0	G8III	40
CE Vul	28.7	+23 23	12.0	S8,7	98 765 v
184296	28.7	+20 48	7.8	A2V	664
184297	28.7	+08 01	7.7	KOIII	23
+31°3649	28.8	+31 14	11.8	G8III	40
184313	28.8	+05 15	6.7	M8V	23
+31°3650	28.9	+31 27	10.0	KOIII	40
184337	28.9	+06 23	8.5	G8IV	23
+30°3621	29.0	+30 56	9.3	K2III	40
184360	29.0	+20 12	7.2	Am	181 555
				A5p+F5V	253
				A7V	664
+7°4131	29.0	+07 48	10.8	G8III	23
+6°4190	29.0	+06 52	11.0	G5V	23
184363	29.0	+05 56	8.0	G5III	23
+5°4193	29.0	+05 46	11.8	G8III	23
184381	29.1	+31 02	6.8	F5V	40
184385	29.1	+21 38	6.9	G5V	664
				G8V	550
231799	29.1	+18 30	9.4	GOV	664
				G1V	550
184398	29.2	+55 31	6.5	KOII-III	652 sb
				K2II-III	469 475
				K2II-III+A	259
+30°3623	29.2	+30 46	9.0	KOIII	40
+29°3639	29.2	+29 29	9.6	G8III	40
184406	29.2	+07 10	4.6	KOIII	23
				K3III	53 145 253 299 469 475 106
+5°4194	29.2	+05 11	12.0	K2III	23
+30°3625	29.3	+30 29	9.0	F5V	40
+29°3640	29.3	+29 52	10.5	G5V	40
+28°3382	29.4	+28 16	9.3	GOV	40
+7°4134	29.4	+07 11	10.6	G8IV	23
184467	29.5	+58 24	6.7	K1V	253 296 469 475
+28°3383	29.5	+28 13	11.9	KOIII	40
+21°3825	29.5	+21 18	10.3	G8V	550
231827	29.5	+18 38	9.8	A1V	664
+6°4193	29.5	+06 42	12.0	M2III	23
+6°4194	29.5	+06 37	12.2	KOIII	23
+30°3627	29.6	+31 03	11.0	K2V	40
+29°3642	29.6	+29 13	10.4	K5IV	40
+7°4135	29.6	+07 43	11.7	G8III	23
+5°4195	29.6	+06 04	11.3	G5III	23
184492	29.6	-10 47	5.2	G8III	53
+39°3813	29.7	+39 09	10.5	A8II	672
184499	29.7	+32 59	6.6	GOV	62 185 253
+30°3630	29.7	+30 50	10.0	GOV	40
184501	29.7	+21 48	8.2	A7V	664
				K2V	550
+6°4196	29.7	+06 17	11.0	G5V	23
+5°4196	29.7	+05 30	11.3	G5V:	23
231848	29.8	+19 10	10.1	G8III	550
				KOIV	664
+6°4197	29.8	+06 08	10.6	G5V	23
+5°4197	29.8	+05 52	11.0	KOIII	23
+30°3631	29.9	+30 17	11.6	KOIII	40
+28°3388	29.9	+28 53	10.0	FOV	40
+28°3390	29.9	+28 48	10.8	F2V	40
184537	29.9	+25 51	6.9	Am	181 559
184538	29.9	+25 36	7.6	K2III	659
184542	29.9	+06 56	9.0	M5III	23
184544	29.9	+06 38	8.9	KOIII	23
184552	29.9	-24 56	5.7	Am	223 422 555 sb
				A3+F5III	372
+31°3659	30.0	+31 12	11.4	G8III	40
+28°3391	30.0	+28 18	9.9	GOV	40
+21°3829	30.0	+21 30	9.3	B8V	664
+7°4140	30.0	+07 44	10.9	G5V	23
+7°4138	30.0	+07 17	9.9	GOIV	23
184568	30.0	+06 58	8.7	KOIV	23
184569	30.0	+06 08	9.5	F2III	23
184570	30.0	+06 02	8.7	MOIII	23
184590	30.1	+25 08	7.2	M1II-III	38 687
				M1III	659

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
184603	30.1	+38 34	6.5	A3V	194
+6°4203	30.1	+06 39	11.5	K5III	23
+5°4200	30.1	+05 30	10.8	G8III	23
+30°3633	30.2	+30 59	11.5	G8III	40
	30.2	+23 32	11.0	(B7II)	672
184606	30.2	+19 33	4.9	B7V	81 194
231870	30.2	+19 05	10.0	K1III	550
				K2III	664
+29°3647	30.3	+29 09	11.0	M2III	40
+30°3634	30.4	+30 21	11.4	G8IV	40
+29°3641	30.4	+30 05	9.9	GOV	40
+19°4066	30.4	+19 50	8.3	K3III	664
+6°4207	30.4	+07 06	11.7	G5III	23
+6°4206	30.4	+06 55	9.7	FOIII	23
+30°3635	30.5	+30 34	10.8	KOIV	40
+29°3650	30.5	+30 01	9.7	FOIII	40
+29°3649	30.5	+29 15	11.7	KOIII	40
	30.5	+27 07	10.7	A4Ib	672
+5°4202	30.5	+05 37	11.2	G2V	23 765 v
184680	30.5	+05 06	9.0	G5III	23
+28°3398	30.6	+28 41	9.3	KOV	40
184700	30.6	-00 26	8.8	G2V	253 714
+30°3638	30.7	+30 36	10.8	G8III	40
184719	30.7	+28 56	8.2	K3III	40
				K5III	659
+24°3786	30.7	+24 21	9.4	A6Ib	672
184722	30.7	+18 48	6.9	K5Ib	550
				K7III	664
+7°4145	30.7	+07 43	10.9	G5V	23
184738	30.8	+30 18	10.0	WC8	538
				WC8+neb	469
+7°4146	30.8	+07 59	12.1	K5III	23
+5°4207	30.8	+05 59	10.9	GOV	23
+5°4206	30.8	+05 26	11.0	G5III	23
+30°3640	30.9	+30 34	10.6	KOIII	40
+28°3402	30.9	+28 52	9.0	F5V	40
+5°4208	30.9	+05 58	11.5	KOIII	23
+30°3641	31.0	+30 34	10.7	KOIII	40
+29°3653	31.0	+29 34	8.6	F2V	40
+20°2082	31.1	+20 41	9.1	B8V	664
	31.2	+23 29	11.3	F4II	672
+31°3669	31.2	+31 08	9.8	KOIV	40
+30°3643	31.2	+30 43	10.0	G2V	40
184829	31.2	+20 36	8.4	B8V	664
184852	31.3	+07 55	9.8	FOIII	23
184853	31.3	+05 48	6.7	G8III	23
184854	31.3	+05 15	9.5	F8III	23
184860	31.3	-10 39	8.4	K2V	253 513 515
184850	31.3	+20 57	8.6	G8V	550
184881	31.4	+18 21	7.8	G5III-IV	38
+6°4213	31.4	+06 09	10.8	G2V	23
+5°4211	31.4	+06 05	11.8	G5V	23
184902	31.5	+59 58	8.4	KOIII	313
184903	31.5	+59 11	7.6	AOp	555
184905	31.5	+43 43	6.6	AOp	174 555
+29°3656	31.5	+29 31	9.6	KOIII	40
184909	31.5	+14 18	7.5	K3III	38 387
+7°4149	31.5	+07 34	10.5	FOV	23
184913	31.5	+05 23	9.8	G8III	23
184915	31.5	-07 15	5.0	BOn	705
				BOIII	645
				BO,5III	42 94 131 132 135 172 197 251 300 304 529 530 531 646 728 729 732
184930	31.6	-01 31	4.3	B5III	105 172 719 728 729 732 v
				B5IV	300
				B5V	486 705
184936	31.6	+59 57	6.4	K4III	313
+30°3646	31.6	+30 10	9.7	G5III	40
				G8II	659
AR Vul	31.6	+26 20	14.0	N	725 v
+7°4150	31.6	+07 12	11.0	KOV	23
184943	31.7	+23 38	8.2	B8Ia	251 672
				B9Ib	116 257 687

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
	31.7	+23 29	11.5	B8II	672
231961	31.7	+11 49	9.4	F3Ib-II	672
184960	31.8	+51 01	5.6	F7V	71
				F8V	458 474 27
+31°3671	31.8	+31 13	10.4	F5III	40
+27°3440	31.8	+27 49	9.5	GOV	40
231970	31.8	+12 45	9.8	B2V	116
+6°4214	31.8	+06 17	10.8	G2IV	23
184961	31.9	+22 22	6.1	B9IIIp?	194 687
184965	31.9	-00 06	8.7	FO(p)	555
184983	31.9	+06 13	8.1	K2III	23
+26°3601	31.9	+26 16	9.5	K1III	659
+30°3647	31.9	+30 54	11.1	MOIII	40
+30°3648	31.9	+30 42	9.7	G8IV	40
+28°3407	31.9	+28 10	11.6	G5V	40
+31°3672	32.0	+31 09	9.6	G5III	40
+29°3658	32.1	+29 11	9.6	GOV	40
	32.1	+29 09	10.9	Am?	555
+7°4152	32,1	+07 07	10.7	KOV	23
185022	32.1	+05 36	10.6	F5III	23
185037	32.2	+36 43	5.9	B8V	194
185040	32.2	+07 45	9.3	FOIII	23
+6°4219	32.2	+06 24	11.2	G5V	23
+29°3661	32.3	+29 57	10.6	KOIV	40
+29°3662	32.3	+29 20	10.6	G5III	40
185059	32.3	+20 07		F2I-F8I	51 v
				F8Iab	672
+31°3678	32.4	+31 18	9.1	K2III	40
+27°3442	32.4	+28 01	9.3	F5V	40
185087	32.4	+07 18	9.3	K5III	23
+6°4222	32.4	+06 31	10.6	F8V	23
185115	32.5	+46 22	8.2	F1IV	38
+29°3666	32.5	+29 50	9.8	G2V	40
+27°3443	32.5	+27 53	9.9	F5V	40
	32.5	+13 39	10.4	F5Ib	672
+5°4216	32.5	+05 38	11.7	G2V	23
185139	32.5	-45 31	6.2	Am	555
185144	32.6	+69 29	4.7	KOV	15 53 65 71 82 101 145 156 178 253 288 296 469 479 535 562 653 665 677 725 726 758 106 340
+28°3410	32.6	+29 05	10.0	G8IV	40
185151	32.6	+27 39	7.8	K1III:	659
	32.6	+17 10	11.4	B9II	672
+31°3680	32.7	+31 38	10.5	FOV	40
+31°3681	32.7	+31 31	10.8	MOIII	40
+5°4219	32.7	+06 01	11.7	G5III	23
+5°4218	32.7	+05 46	11.9	G5III	23
+29°3667	32.8	+29 14	10.5	F2V	40
232029	32.8	+16 15	8.8	B9Ib	672
185194	32.8	+16 14	5.7	G8III	53 469 475 v
232031	32.8	+15 20	9.8	AOII+AOII	672
+19°4086	32.9	+19 12	10.3	AOIab	672
185209	32.9	+06 07	8.9	K3III	23
V391 Aql	33.0	+06 30	12.8	N	6 v
+34°3631	33.1	+35 01	10.2	B2V	257
+31°3684	33.1	+31 16	11.7	KOIII	40
185241	33.1	+27 58	8.5	KOIII	40 646
185264	33.2	+50 01	6.4	G9III	117 714
+28°3413	33.2	+28 34	10.3	K2V	40
185269	33.2	+28 17	6.7	GOIV	659
				G2V	40
185270	33.2	+25 56	8.2	F8V	659
185272	33.2	+06 30	9.5	G8IV	23
185288	33.3	+31 41	7.8	KOIII	40
+29°3671	33.3	+29 12	11.5	G5V	40
+28°3414	33.3	+28 39	11.6	KOV	40
185289	33.3	+26 08	7.4	G8III	659
185294	33.3	+06 23	9.3	G5III	23
185330	33.4	+38 10	6.4	B3III	194
+31°3686	33.4	+31 26	11.3	KOIII	40
+6°4231	33.4	+06 57	10.6	G8III	23
+6°4230	33.4	+06 19	11.8	G8III	23
185351	33.5	+44 28	5.2	KOIII	53 101 469 475 714 106
				KOIII-IV	145

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
				K0IV	15
				K0VI	535
185353	33.6	+22 34	7.7	G2II	51
				G5III	384 vb
+20°4207	33.6	+21 05	10.8	F2II	672
232078	33.6	+16 35	10.6	K3IIp	380
+6°4233	33.6	+06 24	11.7	G5V	23
+6°4232	33.6	+06 18	11.4	G8V	23
+31°3688	33.7	+31 42	9.3	M0III	40
+31°3689	33.7	+31 16	9.7	G8IV	40
+29°3674	33.7	+30 00	11.6	M2III	40
+29°3673	33.7	+29 10	9.1	G8III	40
+27°3448	33.7	+28 06	11.3	M0III	40
185395	33.8	+49 59	4.5	F4V	112 677 714 726
				F5IV	45 156 287 288 295 653 665 725 vb
+31°3690	33.8	+31 09	10.2	G5IV	40
+30°3664	33.9	+30 08	10.0	K0V	40
185418	33.9	+17 02	7.4	B0,5V	251 257
+6°4237	33.9	+06 35	10.4	F0V	23
+31°3691	34.0	+31 31	9.1	K2III	40
185436	34.0	+20 34	6.3	K0III	117
185454	34.0	-59 14	7.3	G5V	705 713 714 sb
185456	34.1	+49 58	6.5	Se	259 v
				S3,9e-S6,8e	765
				S3.5,9e	98
+30°3666	34.1	+30 15	11.0	K0III	40
+29°3678	34.1	+30 00	11.1	M0III	40
+29°3677	34.1	+29 55	10.6	K0III	40
+28°3418	34,1	+28 34	11.9	K2III	40
+29°3679	34.2	+29 58	10.8	G2V	40
+28°3419	34.2	+29 00	11.1	G5III	40
	34.2	+23 23	11.5	A0II	672
+30°3668	34.3	+30 54	10.5	K0III	40
185507	34.3	+05 10	5.0	B3V	105 125 584 729 sb
				B3V+B3V	765
	34.4	+32 14	11.3	F8I	672
185527	34.4	+31 32	7.9	G8III	40
+31°3696	34.6	+31 18	10.3	G8IV	40
+30°3672	34.6	+30 15	10.5	G8III	40
	34.7	+15 43	12.0	P	3
+29°3681	34.7	+29 39	9.3	F5III	40
+28°3421	34.7	+28 18	10.0	Am	555
+28°3420	34.7	+28 12	11.0	G8III	40
+30°3674	34.8	+30 41	10.1	K2III	40
+31°3699	34.9	+31 46	9.2	G0V	40
+31°3698	34.9	+31 27	10.4	G0IV	40
185622	34.9	+16 21	6.6	M0Iab-Ib	387 sb
				M0Iab-Ib + B3V	391
+31°3700	35.0	+31 36	9.2	G5III	40
185644	35.0	-16 31	5.4	K1IV	645 vb
				K2III	53
				K2III+G0	714
				K2III+F8V	391
185663	35.1	+18 56	7.7	K2II	387
+31°3703	35.2	+31 31	11.3	K0V	40
+27°3453	35.3	+28 03	9.7	F5III	40
185713	35.4	+71 23	6.7	F5V	15
+31°3704	35.4	+31 22	9.6	F8III	40
+31°3706	35.4	+31 19	11.9	K0III	40
+30°3675	35.4	+30 55	9.3	G8III	40
+30°3676	35.4	+30 25	11.1	G5III	40
185734	35.4	+29 55	4.8	G8III-IV	53 469 475 sb
				K0III	40
+28°3424	35.4	+29 05	9.3	G8III	40
	35.4	+08 48	11.8	R0	6
+31°3707	35.5	+31 43	9.8	F8III	40
+31°3708	35.5	+31 38	10.0	G8III	40
185735	35.5	+29 42	8.6	M2III	40
+28°3425	35.6	+28 50	11.1	K5III	40
185736	35.6	+27 55	8.8	F5V	40
185758	35.6	+17 47	4.4	G0Ib	51
				G0II	42 112 145 178 384 469 106
+28°3427	35.7	+28 06	11.2	G8V	40

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
+25°3912	35.7	+25 11	10.2	B2,5V	116 257
+30°3678	35.8	+30 25	10.4	K2III	40
185802	35.8	+28 42	8.5	K0III	40
+31°3709	35.9	+31 18	11.3	K0V	40
185837	36.0	+33 44	6.1	A3V	194
+30°3681	36.0	+30 33	10.6	K0III	40
+23°3730	36.0	+23 47	9.3	B6Iab	672
				B8Ib	116 257
	36.0	+22 18	12.0	B9Ia	672
+18°4186	36.0	+18 40	10.0	F6I	672
+30°3682	36.1	+30 45	10.4	K0III	40
+29°3691	36.1	+29 29	10.5	G0III	40
+28°3429	36.1	+28 13	11.2	K0IV	40
+20°4220	36.1	+20 50	10.8	B8II	672
185859	36.1	+20 15	6.4	B0,5Ia	251 257
				B0,5Ib	48
+30°3683	36.2	+30 51	11.6	K5III	40
+28°3430	36.3	+28 31	10.0	K0III	40
+30°3685	36.4	+30 43	9.7	K0III	40
+28°3394	36.4	+28 25	9.5	G5III	40
+11°3946	36.5	+11 50	9.4	B0Ib:n	116
185955	36.6	+45 43	6.3	K0III	15
HV Cyg	36.6	+31 32	13.2	N	6 765 v
+30°3687	36.6	+31 04	10.0	F8V	40
185958	36.6	+17 15	4.4	G8II	53 469 475 479 714 106
+28°3432	36.7	+28 57	11.8	G8IV	40
185982	36.7	+27 29	8.0	G8III	659
185993	36.7	-44 23	7.3	K3III	465 705
185999	36.8	+31 11	7.1	G8III	40
186005	36.8	-16 22	5.1	F0III	456 641 645 705
186012	36.8	-43 41	9.1	F0V	465 705
+29°3694	36.9	+29 13	10.3	G0V	40
+30°3688	37.0	+30 44	9.6	K2III	40
+27°3463	37.0	+27 56	11.2	K0III	40
	37.1	+67 09	9.7	S4,8	98
186047	37.1	+32 23	7.3	N	6 v
				N3e	765
				$C6_4e$	259
	37.1	+26 47	11.9	B9II	672
+22°3782	37.1	+22 09	9.3	O7	486 595
	37.1	+08 33	13.8	G5V	65
+31°3720	37.3	+31 21	9.1	G5V	40
+28°3434	37.3	+28 55	8.5	B1Ibp	251 257 687
	37.3	+17 53	11.6	B9II	672
+30°3691	37.4	+30 41	11.1	K2V	40
+28°3435	37.4	+28 38	9.4	K0III	40
+30°3694	37.5	+30 59	11.0	K0III	40
186122	37.5	+11 58	6.3	B8III	194 714
186155	37.7	+45 17	5.1	F2III	15
+29°3697	37.7	+30 01	11.1	K2III	40
+24°3843	37.7	+24 06	10.3	O8V	116 139
186176	37.8	+46 09	7.8	G6III	38
186177	37.8	+32 50	6.9	A5Ib	672
186178	37.8	+30 34	8.3	M0III	40
+30°3698	37.9	+30 50	9.0	G0V	40
+29°3698	37.9	+29 38	10.6	G8III	40
+28°3437	37.9	+28 13	11.7	K2III	40
186185	37.9	-15 42	5.5	F6IV	45
186219	37.9	-72 45	5.5	Am	456 476 555 705
+31°3721	38.0	+31 27	11.4	G8III	40
186223	38.0	+26 57	8.4	K2III	659
	38.0	+17 43	11.4	A0II	672
+28°3438	38.1	+28 46	8.9	B2IV	251 257 687
186258	38.2	+31 15	8.3	F0V	40
186259	38.2	+29 15	8.0	F8V	40
+28°3440	38.2	+28 33	11.3	M2III	40
186260	38.2	+26 50	8.4	K0III	659
+31°3723	38.3	+31 19	8.5	F8V	40
+31°3724	38.4	+31 37	9.3	G5V	40
+29°3704	38.4	+30 01	9.9	G8IV	40
+28°3442	38.4	+28 37	11.4	G2V	40
+27°3478	38.4	+28 01	11.9	M5III	40
+31°3725	38.5	+31 21	10.4	F0V	40
+30°3702	38.5	+31 04	9.5	F0III	40
+30°3700	38.5	+30 44	9.9	F8III	40
186309	38.5	+28 06	8.6	F2II	672
				F5III	40

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
186309	38.5	+28 06	8.6	F2II	672
+22°3778	38.5	+22 19	10.0	B2V:nne	116
+30°3703	38.6	+30 26	9.8	KOIII	40
+23°3745	38.6	+23 13	8.7	BO,5Ib	74 251 257 486
+30°3705	38.7	+30 59	11.1	G8IV	40
+27°3481	38.7	+28 04	11.6	KOIII	40
186357	38.8	+29 05	6.4	F2III	40
+22°3781	38.8	+23 02	9.8	BOIV	116 257 486
186377	38.9	+32 11	5.9	A4III	194
+29°3706	38.9	+29 08	9.5	GOV	40
+28°3448	38.9	+28 08	11.7	K5V	40
+27°3485	38.9	+27 42	9.2	F8V	659
+23°3747	38.9	+23 12	10.4	B1III	251 257
	39.0	+32 23	11.8	A4II	672
+28°3449	39.0	+28 40	9.2	GOV	40
+22°3782	39.0	+23 03	9.3	O6	74 76
				O7	139 251 257 486 642
186408	39.1	+50 18	6.3	G2V	65 66 67 71 145 665
				G2,5V	154
				G2V+G5V	714
+29°3708	39.1	+29 27	10.5	KOIII	40
186427	39.2	+50 17	6.2	G2V	725
				G4,5V	154
				G5V	65 66 67 145 665
186438	39.2	+37 25	9.1	F3Ib	672
186440	39.2	+30 26	6.1	A1V	194 687
+30°3708	39.5	+30 42	9.2	K3III	40
+28°3451	39.5	+29 01	11.6	K2III	40
+30°3712	39.6	+31 04	9.9	G8III	40
+29°3712	39.6	+29 09	9.8	FOV	40
186486	39.6	+25 32	5.4	G8III	53 469 475 687 714 106
	39.6	+17 35	10.9	B9II	672
186497	39.6	-08 53	8.3	FOV	38
186500	39.6	-32 08	5.5	B8V	645
				B8Vn	456 641
+31°3736	39.7	+31 13	11.1	G8III	40
186507	39.7	+18 20	8.5	B8II	672
+28°420	39.8	+28 46	10.9	Am	555
+28°3452	39.8	+28 58	11.9	KOIV	40
186517	39.8	+27 12	8.0	K1III	659
+30°3714	39.9	+30 58	12.1	K5III	40
186543	39.9	-56 36	5.5	A5p	456 641
				Am	555 645
186547	39.9	+13 04	6.1	B8IV	194
+28°3453	40.0	+28 53	10.4	G8III	40
	40.0	+21 50	12.2	AOII	672
186568	40.1	+33 55	6.0	B8II-III	194
+30°3715	40.1	+30 45	10.9	F5V	40
	40.1	+25 06	12.3	A1Ib	672
	40.1	+23 43	11.6	A3Ib	672
+28°3455	40.2	+28 38	11.6	G8III	40
225556	40.3	+35 11	9.3	F1II	672
+31°3741	40.3	+31 10	10.3	F5III	40
+30°3716	40.3	+30 48	10.4	F8III	40
+28°3456	40.3	+28 49	10.3	AOII	672
+25°3941	40.3	+25 59	10.4	B1,5V	116 257
225565	40.4	+33 42	9.8	B8Ib	672
+23°3756	40.4	+23 57	9.7	AOII	672
+29°3717	40.5	+29 55	12.0	G8V	40
186648	40.5	-20 00	5.1	K1III	53 645 714
186651	40.5	-43 35	7.1	GOV	457 705 714
+29°3718	40.6	+29 55	11.8	KOIII	40
+29°3719	40.6	+29 28	11.8	K5III	40
186665	40.6	-18 24	8.4	N	6 v
				Na(C65)	765
186675	40.7	+37 07	5.0	G8III	53 469 475 535 714 106
+30°3721	40.7	+30 26	10.5	KOIII	40
186682	40.7	-45 57	7.2	A3V	465 705
186688	40.8	+29 01	6.8	F2III	40
				F5Ib,F2I, F5II	51
+31°3747	40.9	+31 10	11.4	KOIII	40
+24°3862	40.9	+24 25	11.1	A4II	672
+23°3759	41.0	+23 48	8.8	BOII	74 251 257
186729	41.1	+29 20	8.5	A2II	672
+28°3262	41.2	+28 46	9.3	FOIII	40
+23°3761	41.2	+24 04	8.8	BOII:	74 251 257
186745/6	41.2	+23 41	7.0	B8p	48
				B8Ia	74 251 257 415 588 687
186752	41.2	-20 08	8.5	F8V	38
+30°3723	41.3	+30 56	11.6	K3III	40
186776	41.4	+40 28	6.4	M3III	62
+23°3762	41.4	+23 44	9.3	BO,5III:nn	251 257
186791	41.4	+10 22	2.8	K3I-II	758
				K3Ib-II	8
				K3II	42 131 142 145 149 106 178 199 203 259 287 399 469 479 641 646
+30°3726	41.5	+30 41	11.6	KOIII	40
+25°3952	41.5	+25 07	10.2	O7	116
				O8	139 257
+24°3866	41.5	+24 52	9.6	O8f	116 139 257
+22°3800	41.5	+22 57	9.6	B2III:n	251 257
+29°3729	41.6	+29 46	10.2	K5V	40
186837	41.6	-61 18	6.3	B5V	456 476
186841	41.7	-23 50	8.2	B1Ia	74 251 257 687
186860	41.8	+30 00	7.8	MIII	659
				M5III	40
	41.8	+19 10	11.0	A2II	672
186882	41.9	+44 53	3.0	B9,5III	81 126 131 172 177 287 299 sb
				AOIII	30 529 530 732 733 734 738 758
+30°3728	41.9	+30 59	11.6	M5III	40
186901	42.0	+35 51	6.5	B9,5III	194
+30°3729	42.1	+30 08	10.2	F2V	40
+29°3733	42.1	+29 31	9.3	KOIII	40
+4°4226	42.1	+04 13	10.1	M3,5V	665
186927	42.1	+34 46	6.2	KOII-III +A2V	313
186943	42.2	+28 01	10.0	WN	257 sb
				WN5	9 48 321
				WN5+B	511
				WN6	538
+29°3735	42.3	+29 09	9.7	A1II	672
186962	42.3	+18 34	7.6	KOII-III	38
186975	42.3	-45 59	7.2	KOIV	457 705 471
186980	42.4	+31 52	7.5	O7,5	135 139 251 257 687 732
				O8	76
186981	42.4	+18 38	8.1	F4III	38
186994	42.5	+44 43	8.1	BOIII	131 135 255 598
+17°4087	42.5	+17 59	10.4	B7IIIe	672
187013a	42.6	+33 30	5.0	F5V	45 65 66 67 71 156 106 287 299 725 vb
187013b	42.6	+33 30	8.6	F5V	66 653 665 714 726
+30°3733	42.6	+30 25	10.4	F8V	40
+27°3512	42.6	+28 00	8.8	O7	251
				O7,5	116 139 257
+29°3738	42.7	+29 13	9.7	KOIII	40
+29°3739	42.8	+29 28	9.8	G8III	40
+24°3881	42.8	+24 36	9.1	O6f	139 251 257
RZ Vul	42.8	+19 14	13.0	G2IV,V:	211 766 v
225757	42.9	+34 24	11.0	B3:II:	257
+29°3740	42.9	+29 18	11.2	G8III	40
+27°3513	42.9	+27 47	8.3	A2Ia	251 257 687
				A2Iab	672
187076/7	42.9	+18 17	3.8	M2Ib-II+A	259 sb
				M2II:+B	131
				M2II+AOV	177
+21°3912	43.0	+21 49	9.0	F4II	672
187138	43.3	+88 41	8.4	G9III	287
187162	43.4	+28 14	8.4	G8III	659
187183	43.4	+09 04	9.2	G2-G5:V	125 sb
+25°3970	43.5	+25 13	9.9	AOII	672
187203	43.7	+10 26	6.5	F8Ib-II	47 163
				GOIb	399 469 479
				G2Ia	672
187216	43.8	+85 09	9.6	R5	308
				R3	6

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
187235	43.9	+38 10	5.7	B8V	194
187238	43.9	+22 31	7.7	K3Iab-Ib	387 399
187258	44.0	+18 24	7.6	Am	47
187280	44.1	+28 04	8.5	K2III	659
187282	44.1	+17 57		WN5	48 321 538
				WR	257
+30°3751	44.2	+31 00	9.6	F2II	672
187299	44.2	+24 45	7.5	G5Iab-Ib	387 399 469
187317	44.3	+58 08	7.9	F6III	38
	44.3	+30 12	13.4	WC	321
187320	44.3	+19 24	7.5	B2III	251
				B3Vn	495 692
187321/2	44.3	+18 37	7.0	GOI+B8:,	384:G5II-III+AB
				G2I+B	51
187362	44.5	+18 53	5.0	A3V	194
187369	44.5	-42 20	7.9	G2IV	465 705 714
+24°3893	44.6	+24 33	9.6	B1,5V	257
+29°3753	44.7	+29 48	9.6	F3II	672
187399	44.7	+29 10	7.7	B7Ia?e	251
				B7II	672
187401	44.7	+14 58	7.7	G5II	38
+28°3485	44.8	+28 33	9.4	B2V:n	251 257 687
187428	44.8	+19 33	7.9	F8I-F8p	51
				F8Ib-II	384 399
187459	45.0	+33 12	6.4	BO,5Ib	42 135 251 257 v
				BO,5II	48
187460	45.0	+29 38	8.6	G8III	659
				K2II-III:+F	387
187462	45.0	+27 29	7.1	GOV	659
187474	45.0	-40 08	5.4	AOp	174 402 555
187505	45.2	+16 08	7.8	G2Ib:	51
				G5II	384
XY Cyg	45.3	+41 23	11.1	Se	259 v
187532	45.3	-11 01	5.5	FOIV	456 641 645
+28°3487	45.4	+28 42	10.1	B2Ib:	116
187548	45.4	+28 21	8.5	GOV	659
	45.4	+20 55	11.3	B8Iab	672
	45.5	+31 14	11.4	B8II	672
+31°3797	45.5	+31 12	9.9	F3Ib	672
187565	45.5	+29 08	8.4	F8V	659
225985	45.7	+32 43	9.1	B(0)e	28
				B1V:pe	
				shell	251 257
187614	45.8	+26 50	6.4	G8III	117 659
187640	45.9	+28 11	6.3	B3III	194 687
187642	45.9	+08 36	0.9	Aln	705
				A7IV-V	65 71 78 94 112 131
					177 287 288 296 299
					665 672 714 725 734
				A7V	22 95 439 444 449
					529 530 641 758 59
187653	45.9	-61 25	6.3	A3V	456 641 645
187663	46.0	-12 52	7.5	G9III	38
	46.1	+29 38	11.1	AOIab	672
187691	46.2	+10 10	5.2	F8V	53 131 714 106v
187751	46.5	+19 47	7.3	Am	181 559
187764	46.6	+68 11	6.4	FOIII	15
187796	46.7	+32 40	4.9	KOIII	299 v
				Se	259
				S7,1e:	98
				S7,1e:-	
				S10,1e:	765
+29°3772	46.7	+29 09	10.1	O7f	139 257
226095	46.8	+33 02	10.1	F6Ib	672
+29°3774	46.8	+29 09	9.9	B2Ib	257 486
	46.8	+24 45	11.9	(B9Ib)	672
+22°3836	46.8	+22 35	9.2	B1II	251 257 486
187811	46.8	+22 21	4.9	(B3)IV	584 729 sb
				B3V	50 105 697 719
+26°3687	46.9	+26 52	10.1	AOIb-II	672
+25°3998	46.9	+25 42	10.0	BO,5III	116
226111	47.0	+33 24	10.5	B1Ib	257
187851	47.0	+27 27	7.7	B2V:nn	251 257 687
+22°3837	47.1	+22 49	9.4	A1II	672
187879	47.2	+40 20	5.6	B1IV:	197 251 765 v sb?

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
187921	47.4	+27 12	7.6	F7Ia-KO	17 259 765 v
				F7Iab-KOIab	207 766
				F8I	51
				F8Ia	672
				G5Iab	536
+23°3809	47.4	+23 38	10.7	B1V:	116 766 v
187923	47.4	+11 23	5.8	G2V	253 714
187929	47.4	+00 45	3.9	F6Ib -G4Ib	17 259 455 v sb
				F7Ib-G2Ib	207
				G1Ib	536
V689 Cyg	47.5	+36 36	14.0	A5V	765 v
187949	47.5	-14 52	6.4	A1V	21 v
				A1+(gF8)	534
226166	47.6	+38 42	10.5	F8I	672
	47.8	+35 48	11.9	B9II	672
226191	47.8	+35 35	9.3	F7I	672
187982/3	47.8	+24 44	5.7	AOIab	672 v
				A1Iab	251 257 646 687
				A2Ia	42 48 153 469 555
188001	47.9	+18 25	6.2	O7f	310
				O8f	76 91 135 251 532
					729 735 139
188011	47.9	-47 03	7.7	KOIII-IV	465 705
188015	48.0	+27 51	8.6	G5IV	659
+27°3538	48.0	+27 42	9.6	F6Ib	672
188031	48.0	-42 53	10.3	F4VI	519
				F5VI	519
				F5V	705 713
226223	48.1	+38 30	9.3	F2I:	51
				F5Iab	672
				F6Ib	384 399
188041/2	48.1	+03 22	5.6	A5p	174 645 v
				FOp(A5p)	555 714
				(HR:FOp+A)	368
188056	48.1	+52 44	5.2	K3III	53 287 469 475 535
					714 106 v
+29°3779	48.2	+29 09	10.3	FOI	672
188074	48.3	+47 09	6.2	F2V	15
188097	48.3	-62 25	5.8	Am	456 465 460
188114	48.4	-42 08	4.2	KOIII	645
188119	48.5	+70 01	4.0	G5III	15 v sb
				G8III	53 145 469 479 714 106
188121	48.5	+28 17	8.6	F8I	51
				GOIV	384 659
+21°3959	48.5	+21 59	9.8	B2Vp(e)	116 257
	48.5	+10 03	12.2	F8I	672
188149	48.6	+36 11	6.3	K4III	387
188164	48.7	-69 01	6.4	A3p	456
188169	48.8	+50 24	8.0	F4V	38
188209	49.0	+46 47	5.6	O9,5Ia	531
				O9,5III	71 76 131 135 139
					251 728 729
				O9I	529 530 758
				O9III	732
+22°3843	49.0	+22 21	10.0	F5I	672
	49.0	+14 42	12.4	FOIb	672
188228	49.0	-73 10	3.9	AOV	440 457 472 596 641
					645 705 714 v
+21°3963	49.1	+21 56	10.1	B2V	116
188252	49.2	+47 41	5.7	B2III	131 197 251
188258	49.2	+27 50	7.7	K2III	659
	49.2	+27 12	12.6	B8II	672
188259	49.2	+26 15	7.7	K1III	659
188260	49.2	+23 49	4.5	AOIII	81 714
				B9,5III	194 687
BS Cyg	49.3	+53 26	11.0	Ce	259 v
				Nep	765
+22°3847	49.4	+22 21	9.6	B5III	116 257 486
188310	49.4	+08 12	4.9	K0III	53 469 475 714 106
188326	49.5	+38 30	7.6	G8IV	253 471 714 v
+29°3791	49.6	+29 34	10.2	F8I	672
226383	49.8	+37 52	11.0	A5p	559
188398	49.9	+50 46	8.2	F4III	38

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
188398	49.9	+50 46	8.2	F4III	38
	50.0	+38 03	10.9	F4II	672
188439	50.1	+47 34	6.2	B0,5IIIp	131 197 251 766 v
+27°3550	50.1	+28 04	8.9	A2Iab	672
				B9Ia	251 257
+22°3876	50.1	+22 45	10.3	F2II	672
+31°3978	50.2	+31 14	9.5	A0IV	564
188485	50.3	+24 03	5.5	A0III	194 687
188503	50.4	+30 27	8.1	B8III	564
188504	50.4	+29 45	8.1	B7III	564
	50.4	+24 40	11.6	A4Ia	672
188507	50.4	+22 10	6.8	K4II-III	387 469
188512	50.4	+06 09	3.7	G8IV	41 53 65 78 94 131 145 156 177 287 288 295 362 469 475 535 641 646 653 665 725 726 758 106 v
				G8IV+dM3	391 677 714
+28°3524	50.5	+28 51	11.0	A0II	672
+23°3834	50.6	+23 12	9.7	B2V	116
188555	50.6	-46 05	8.6	F5IV	457 705
188566	50.7	+25 04	7.8	K2III	659
+23°3835	50.7	+23 13	9.7	B2V:	116
CV Cyg	50.8	+37 47	10.7	F8III	765v
188592	50.9	+37 37	8.7	G5p,IV	29
226477	50.9	+34 31	11.2	B2IV	727
188612	50.9	+29 53	8.1	B6V	564
	51.0	+39 32	11.9	A2Iab	672
226486	51.0	+37 47	10.8	G8III	29
+30°2510	51.1	+30 24	8.7	A0V	564
188651	51.1	+29 56	6.4	B5V	194 687
188669	51.2	+30 25	7.7	G9V	564
188665	51.2	+57 16	5.0	B5V	105 732
+29°3805	51.2	+29 43	9.4	K3III	659
				K3V	564
+31°4073	51.3	+31 31	8.3	A4V	564
226519	51.3	+37 08	10.1	F8IV	29
226530	51.4	+37 27	10.0	Am	559
226540	51.4	+33 14	9.7	F2Ib	672
	51.5	+23 27	11.0	A1II	672
188727	51.5	+16 22	5.7	F6Ib-G5Ib	17 259 765 766 v sb
				F7Ib-G3Ib	207
				F8Iab	672
188728	51.5	+11 09	5.3	A1V	194 sb
				A2V	714
226531	51.6	+37 22	10.6	A3p --	559
+36°3770	51.6	+37 07	10.7	F0p	559
+30°3808	51.6	+30 16	9.5	A0II	672
				B9III	564
226546	51.6	+37 44	11.2	K0III	29
188754	51.6	+29 15	7.8	A4V	564
188755	51.6	+28 29	8.3	A5V	564
+28°3531	51.6	+28 24	9.4	A1V	564
IZ Cyg	51.7	+36 48	11.0	M5p	765 v
V467 Cyg	51.8	+32 14	14.2	N	765 v
188815	51.8	-46 21	7.5	F6V	457 705
226574	51.9	+38 00	10.0	Am	559
+31°3847	51.9	+31 28	9.0	A9III	564
188820	51.9	+28 57	8.4	F0V	564
+30°3810	52.0	+30 37	10.0	K0V	564
+29°3811	52.1	+29 34	9.2	A9V	564
188854	52.1	+46 24	7.5	A7(p)	555
226587	52.2	+37 17	10.7	A2p	559
226610	52.2	+37 48	11.1	K5III	29
188892	52.3	+38 13	4.9	B6III	131 105 719 728 729 732
188899	52.3	-15 45	5.0	A2IV	456 460 641 645
188903	52.3	-42 06	8.3	G2V	465 705 615
+30°3813	52.5	+31 07	8.9	B9V	564
188934	52.5	-00 02	9.3	R4	6
				R8	308
PU Cyg	52.6	+37 36	13.7	N	765 v
+37°3681	52.6	+37 24	10.9	F2V	29
188947	52.6	+34 49	4.0	K0III	53 101 142 199 469 106 475 535 687 714 758 v
188971	52.6	+20 44	6.5	A3III	194

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
+29°3814	52.7	+29 43	10.2	B0V	257
	52.7	+12 43	11.8	F6Ib	672
356404	52.8	+10 46	10.9	G0Ib	765 v
				G0Ib,K0	682
188994	52.8	+29 16	8.2	F4V	564
188993	52.8	+30 41	7.3	G2III	564
226673	52.8	+37 22	10.4	F0IV	29
188928	52.9	-34 39	8.2	A3V	564
+29°3817	52.9	+29 32	9.0	B8V	564
+37°3686	53.0	+37 20	11.1	F8III	29
189039	53.0	+37 18	8.5	K0III	29
+37°3687	53.0	+37 10	10.7	G8III	29
+30°3819	53.1	+30 49	9.2	B9V	564
+29°3818	53.1	+29 40	8.9	G0V	564
189037	53.1	+52 10	4.9	A3IV-V	112 118
189063	53.1	+60 33	7.0	M0III	38
226706	53.1	+36 32	9.6	F0V	29
226718	53.2	+37 09	10.7	G0III	29
189084	53.2	+60 21	7.4	M0III	38
189087	53.2	+29 33	8.2	K0V	564
				K1V	659
189085	53.2	+35 16	8.2	Am	181 559
189090	53.2	+16 31	5.4	B9IV	194
189103	53.2	-35 33	4.4	B3IV	641 645 705 719 sb
226728	53.3	+36 50	9.8	F0V	29
189107	53.3	+30 35	7.5	B8V	564
+28°3543	53.3	+29 06	9.4	A0V	564
189108	53.4	+28 26	6.8	G5V	564
				G8III	659
+26°3741	53.3	+26 17	9.2	F8Ia	672
226738	53.4	+36 35	10.8	K0IV	29
+30°3828	53.4	+30 50	9.7	G5III	564
189140	53.4	-43 19	6.1	M0III	465 705
226751	53.5	+36 30	10.7	F0V	29
189148	53.5	+34 45	8.2	F6V	38 687
+30°3829	53.5	+30 40	9.2	B8III	564
189160	53.6	+43 59	8.0	A0(p)	555
+36°3783	53.6	+37 02	11.5	F8V	29
226768	53.7	+37 15	10.3	Am	559
189178	53.8	+40 06	5.4	B5Vp?	105
189198	53.8	-45 23	5.9	A7III	457 615 705
				A7IIIp	456 460
226778	53.8	+36 18	10.4	G5III	29
189212	53.8	+30 59	8.6	G8III	564
189213	53.8	+28 36	7.3	A7V	564
189245	53.9	-33 58	5.7	F8V	705 713
189247	53.9	-44 15	7.7	F5IV	457 705
189256	54.0	+43 59	7.4	N	6 v
				N(C_5)	765
189276	54.0	+58 35	5.1	K5II-III	53 178 287 469 714 106
226802	54.0	+36 46	9.7	G0IV	29
226811	54.1	+37 39	10.7	G5:III:	29
189301	54.2	+37 51	7.8	K4II	387 399
226822	54.2	+37 06	9.3	F5V	29
226821	54.2	+37 43	10.7	M5III	29
189301	54.2	+37 51	7.8	K3III	29
+36°3790	54.2	+36 29	11.6	G8IV	29
227833	54.3	+37 47	10.5	F5V	29
189316	54.3	+28 43	7.8	B9V	564
189317	54.3	+28 20	8.2	F3V	564
				F6V	659
189319	54.3	+19 13	3.7	K5III	53 203 259 469 475 714 106
189340	54.4	-10 13	5.9	G0V	253 714
+32°3647	54.5	+32 23	9.3	B9II	672
226860	54.6	+38 56	10.6	A2p	559
226863	54.6	+37 19	10.4	K0III	29
226868	54.6	+34 56	8.9	B0Ib	251 257
189378	54.6	+33 00	7.1	F2I-II:	51
				F5IV	384
189379	54.6	+29 40	7.9	A9II	564
226877	54.7	+36 55	10.6	M2III	29
189394	54.7	+34 14	8.2	B9p	26 555
226886	54.8	+37 34	10.8	G0V	29
189395	54.7	+30 43	5.4	B9III	194 687
+30°3839	54.8	+30 14	9.3	B8V	564

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
226898	54.9	+36 36	10.9	G8IV	29
+31°3870	54.9	+31 20	9.8	A0Ib	672
+29°3830	54.9	+30 06	8.7	A2V	564
+31°3870	55.0	+31 20	9.9	B9II	564
189484	55.1	-50 19	8.6	K5V	705 713 sb
226926	55.2	+37 42	10.7	K0III	29
189492	55.2	+37 28	8.6	Am?	559
226928	55.2	+36 40	10.8	G0V	29
226929	55.2	+36 08	10.5	G5V	29
+29°3818	55.2	+29 48	9.2	G0V	659
226936	55.3	+36 54	9.6	F0IV	29
226943	55.4	+37 00	11.0	F2V	29
226945	55.4	+36 12	10.7	M5III	29
+30°3841	55.4	+30 25	9.6	F7V	564
+28°3562	55.4	+29 04	10.0	B7III	564
226951	55.5	+35 51	9.1	B0,5III	257
189550	55.5	+19 37	8.5	B2V	495 692
189558	55.5	-12 31	7.7	F9V	253 714
189567	55.5	-67 35	6.1	G2V	457 705 714
189574	55.6	+38 36	7.6	Am	181 559
+37°3712	55.6	+37 08	11.3	G5V	29
226958	55.6	+35 35	9.9	Am?	559
189578	55.6	+14 37	8.1	F5V	38
189585	55.6	-44 30	8.9	G8IV	465 705
189594	55.7	+35 37	9.0	K0III	70
189597	55.7	+30 38	7.7	B6II	564
189605	55.7	-07 39	10.8	R4	6
+35°3904	55.8	+35 15	10.8	F8V	70 vb
+29°3836	55.8	+29 29	9.3	B7V	564
189631	55.8	-41 42	7.6	A9V	465 705
+51°2721	55.9	+51 49	10.5	Se	259 765 v
226982	55.9	+38 21	10.0	A0p	559
226993	56.0	+37 48	10.8	G8III	29
226994	56.0	+37 40	10.0	F0III	29
226997	56.0	+37 17	10.7	F8V	29
226998	56.0	+37 00	11.1	G2V	29
227002	56.0	+36 06	10.8	K0III	29
227018	56.1	+35 02	9.0	O7	139 251 257 598 727
227015	56.1	+37 51	11.2	G8III	29
227005	56.1	+34 44	12.0	B9II	672
+30°3847	56.1	+30 54	9.7	F6V	564
189671	56.1	+25 55	6.3	G8II	117 469 659
227016	56.2	+37 42	10.9	A5p	559
189687	56.3	+36 46	5.2	B3V	106 584 sb
189690	56.3	+29 38	7.5	A0V	564
189706	56.3	+29 32	7.5	B9V	564
+29°3840	56.3	+29 13	9.8	G8III	564
189711	56.3	+09 14	8.5	N	6 v
				B8	308
RR Tel	56.3	-56 00	6.5	F5ep	765 v
227036	56.4	+37 17	9.7	F5V	29
	56.4	+32 59		WR	321
189751	56.5	+36 08	7.0	K0III	29
189753	56.5	+26 52	8.2	K4II	659
189763	56.5	-27 59	4.5	M4III	645 v
227048	56.6	+38 30	8.9	A5p	559
227049	56.6	+37 13	10.2	K2III	29
+29°3842	56.6	+30 06	10.1	B1V:e?	257
189779	56.6	+29 37	8.2	B2III	251 257
				B3II	564
	56.6	+15 31	10.0	F6Iab	672
227056	56.7	+37 33	10.7	G0V	29
189796	56.7	+29 33	8.5	G0V	659
227069	56.8	+36 51	10.7	M8III	29
189832	56.9	-39 08	6.9	F0p	402 555
189846	57.0	+32 44	9.0	B6V	664
189849	57.0	+27 29	4.7	Am	25 112 289 472 516 555 714 724 sb
189848	57.0	+28 51	8.1	B7III	564
227091	57.0	+36 18	10.6	K0:V:	29
189847	57.0	+30 57	6.6	B7V	564
+29°3852	57.2	+29 43	9.3	A2V	564
+29°3851	57.2	+29 17	9.1	A1IV	564
189884	57.2	+26 54	7.4	K2III	659
	57.2	+22 31	12.9	(A1Ia)	672
189899	57.2	-74 30	7.6	F8IV-V	457 705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h				
+36°3817	57.3	+36 56	11.8	G5III	29
227112	57.3	+36 50	9.6	K5III	29
+30°3854	57.3	+30 35	9.1	B9V	564
+37°3724	57.4	+37 21	9.5	F8V	29
189918	57.4	+33 39	8.9	M5III	765 v
+17°4195	57.4	+17 48	9.2	B8II	672
189921	57.4	+10 26	6.8	B5V	495 692
227131	57.5	+36 56	10.9	F2III	29
227132	57.5	+35 41	10.2	B2III	727
+31°3888	57.5	+31 15	9.0	A3V	564
+28°3580	57.5	+28 56	9.8	F1V	564
189943	57.5	+29 56	8.1	G5II	564
				G5III	659
+14°4146	57.6	+15 03	9.3	G0I	672
189944	57.5	+24 31	5.8	B5IV	194
	57.6	+31 30	12.3	A0Ib	672
189957	57.6	+41 43	7.7	B0III	251
189983	57.7	+34 18	8.7	B8V	664
227150	57.7	+34 51	9.9	G8III	664
+29°3858	57.7	+29 15	9.7	F6V	564
190001	57.8	+32 47	8.2	B6V	664
190002	57.8	+32 18	11.1	WC7	321 414 672
190004	57.8	+24 39	5.3	F2Ib-F0p	51
				F5II	384 555
+29°3861	57.9	+29 36	9.4	F5Iab	672
				F5Ib	564 659
+31°3895	57.9	+31 22	8.8	F5V	564
190047	58.0	+30 50	6.5	B7V	564
190048	58.0	+20 48	9.2	N	6 v
				N3	765
+28°3587	58.0	+28 57	10.1	F2V	564
+29°3863	58.0	+29 18	8.8	B8V	564
227172	58.0	+36 12	10.2	K0III	29
190066	58.1	+21 52	6.5	B1Iab	251 257 486
190068	58.1	+15 05	8.0	A0(p)	555
	58.1	+39 42	9.5	N	6
190073	58.1	+05 28	7.9	Aep	174
+28°3593	58.2	+28 36	9.9	A9III	564
+29°3864	58.3	+29 51	9.1	B9V	564
190113	58.3	+35 21	8.0	G5Ib	399
				G8V	664
227206	58.3	+37 38	10.9	F5V	29
190114	58.3	+35 03	7.2	B8V	664
227218	58.4	+35 50	9.7	F0IV	29
227213	58.4	+38 54	10.6	A0p	559
227205	58.4	+38 26	10.6	A2p	559
227215	58.4	+37 53	10.2	A0IV	667
+31°3901	58.4	+31 20	9.0	B7V	564
190131	58.4	+38 23	8.6	Am	559
	58.4	+11 34	12.2	F8I	672
190145	58.5	+67 11	7.4	A2p	555
190147	58.5	+49 50	5.3	K1II-III	53 469 475 106
190149	58.5	+43 50	7.3	G9III	38
				M0II-III	387
227244	58.5	+36 08	9.3	Am	559
				A7IV	667
+34°3850	58.5	+35 03	8.9	B2(II)	727
227228	58.5	+34 25	9.4	B7IV	664
+28°3594	58.5	+28 41	9.6	A9III	564
227242	58.6	+36 49	10.6	B0IV:	705 727
227243	58.6	+36 40	10.3	B9,5V	667
227245	58.6	+35 24	9.7	O7	139 251 257 729
				O8	42
227247	58.6	+35 02	9.2	B2(II)	727
227250	58.6	+33 29	9.7	F8Ia	672
+30°3863	58.6	+30 42	9.1	A0V	564
	58.6	+30 23	9.4	N	6
+29°3867	58.6	+29 22	8.9	A7II	564
190167	58.6	+28 14	6.8	A1V	564
227257	58.7	+38 41	10.4	Am	559
190192	58.7	+33 14	8.6	A5V	664
227273	58.8	+38 06	9.5	B9III	667
227275	58.8	+37 07	10.2	G8Iv	29
227277	58.8	+35 51	11.3	F5III	29
227276	58.8	+35 58	10.8	A1V	667
227279	58.8	+35 25	9.8	F0:V:	667

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h 58.8	+35 23	10.9	B2(III)	727
190211	58.8	+18 14	6.1	K3II-III + G8IV:	313
227287	58.9	+37 19	9.7	A0p	559
				B9,5V	667
227290	58.9	+34 33	10.5	G0V	664
227292	58.9	+33 21	9.3	B5V	664
190228	58.9	+28 02	8.4	G5IV	659
190229	58.9	+15 45	5.5	B8II-III	194
190248	58.9	-66 26	3.5	G5IV	287 288 296 439 440 471 641 665 714 725
				G5IV-V	645 v
				G8V	457 667 705 714*
190252	59.0	+70 05	6.2	G8III	117
227306	59.0	+33 31	9.9	B8V	664
190256	59.0	+32 17	8.2	B7V	664
+29°3870	59.0	+29 45	9.9	A3V	564
227310	59.1	+38 07	9.4	B5IV	667
190275	59.1	+37 32	7.2	Am	181 559
				A5p	26 555
				A3II	667
+36°3832	59.1	+37 07	10.9	G0V	29
+36°3821	59.1	+36 16	10.5	A4:III:	667
+28°3598	59.1	+28 25	9.4	B0III:np	251 257
227311	59.1	+36 16	10.6	F0V	29
+31°3907	59.2	+31 38	9.4	F8I	672
227321	59.2	+34 47	10.8	B8:V:	667
190309	59.2	-44 38	7.9	K1III	465 705
190315	59.3	+75 27	7.3	K4III	38
227329	59.3	+38 10	9.6	F6V	667
227330	59.3	+37 44	10.4	Am	559
227344	59.3	+36 44	9.5	Am?	559
331777	59.3	+31 38	8.0	F8Ia	384 399 469
				F0I	672
				G0I	51
190323	59.3	+14 42	6.8	G0Ia	672
				G0Ia-Iab	399
190333	59.3	-43 30	9.2	G2V	457
+36°3834	59.4	+36 15	11.6	K0III	29
227345	59.4	+34 57	10.0	B8V	667
190336	59.4	+33 10	8.8	B0III	558
+29°3871	59.4	+29 41	9.4	K8V	564
227344	59.4	+36 45	11.9	F5V	29
227355	59.5	+36 36	9.6	F2V	667
190360	59.5	+29 38	5.7	G6IV	73 253 469 475 687 714
				G6IV+M6	295
				G6IV+dM6	391
				G8V	564
+28°3601	59.5	+28 58	9.7	G0V	564
227357	59.5	+36 21	10.8	F5V	29
227356	59.5	+36 27	10.7	K3III	29
227354	59.5	+37 13	11.0	G5III	29
190381	59.6	+37 48	8.6	A0p	559
				A1IV	667
190382	59.6	+33 15	9.2	B6V	664
190401	59.7	+41 11	6.9	Am	181 559
190402	59.7	+37 58	8.6	B9,5V	667
+36°3838	59.7	+36 15	11.2	F8V	29
190403	59.7	+29 42	6.8	G5Ib-II	387 469
				G5II	564
190404	59.7	+23 05	7.4	K1V	475
190405	59.7	+17 26	6.8	K1V	253 296 469 677 714
190406	59.7	+16 48	5.9	F0I	672
190421	59.7	-53 10	5.0	G1V	178
190428	59.8	+37 07	8.9	M2III	645
227382	59.8	+37 03	9.4	B9V	667
227383	59.8	+36 42	10.0	A1V	667
190429	59.8	+35 45	7.2	A9III	667
				O5f	49 84 91 135 687 729 532
				O5f+O9,5Ibp	74 251 727
				OB	70
				O9III	49
				O9,5Ibp	729
				O9,5Ve	667

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	19h 59.8	+32 53	8.0	K1II	664
190430	59.8	+29 47	8.8	A9III	564
+29°3875	59.8	+25 29	8.9	B1III	251 257
+25°4083	59.8	+36 06	11.6	K0III	29
227386	59.8	+36 42	9.2	F0V	29
227383	59.9	+39 59	8.4	F2Ib	51
190446				F6Ib	384 399
+30°3870	59.9	+30 56	9.3	B8V	564
+30°3871	59.9	+30 50	7.8	B7V	609
	20h 00.0	+54 23	8.3	F2III	38
190464	00.0	+38 02	7.5	M2III	667 sb
190466				M3II-III: + A2V	313
+36°3845	00.0	+36 51	10.5	B9Ib	672
227405	00.0	+36 24	11.4	G5III	29
190467	00.0	+36 08	8.0	B3e	28
				B3III	49
				B5II:n	173 251 257 486 687
				B6III	667
190468	00.0	+34 35	8.6	Am	181 559
				F5V	664
190470	00.0	+25 30	9.0	K3V	659
+36°3846	00.2	+37 00	11.3	F5III	29
227420	00.2	+36 33	9.9	B9,5V	667
227421	00.2	+35 34	9.4	A2V	667
				A5III	664
227423	00.2	+33 37	9.7	B8V	664
+31°1951	00.2	+31 23	8.8	A5V	564
190513	00.2	+30 15	8.4	F0IV	564
227432	00.3	+35 32	11.3	A0Ib	672
227433	00.3	+35 26	9.5	F2Vp	70
190536	00.3	+34 02	8.1	G5II	664
+31°3921	00.3	+31 52	8.7	B1Ib	251 257 486 687
190537	00.3	+30 57	6.9	Am	26
				F0III	564
190544	00.4	+64 32	5.2	M1III	282
227440	00.4	+38 00	10.1	B9,5:V:	667
190549	00.4	+37 25	8.8	B3:III	667
227442	00.4	+37 22	10.4	F8IV	29
227450	00.4	+32 42	9.5	B8V	664
190552	00.4	+29 09	8.7	A1III	564
227452	00.5	+39 41	10.2	F1II	672
190570	00.5	+36 54	8.1	B9V	667
190571	00.5	+33 16	7.8	G8V	664
+31°3924	00.5	+31 30	8.5	A5V	564
+29°3882	00.5	+29 59	8.9	B9III	564
227457	00.6	+41 18	9.9	B8V+GIV	104 sb
227460	00.6	+35 59	9.9	B0,5:V	251 687 727
				B1IV	667
227461	00.6	+35 26	9.7	B8V	667
227463	00.6	+33 50	9.2	F8-K0Ib	17 765 v
				F8-G5Ib-Iab	207
227465	00.6	+33 25	10.7	O7:	139 257 667
+26°3780	00.6	+26 12	9.2	G0V	659
+21°4045	00.6	+21 47	9.6	F4II	672
227467	00.7	+36 43	9.8	A1V	667
				A2p	559
227469	00.7	+36 26	11.0	G0V	29
227470	00.7	+36 03	10.0	A1IV	667
227472	00.7	+34 42	10.3	K0II	664
				K3II	667
190603	00.7	+31 56	5.7	B1,5Ia+	135 173 251 257 306 477 486 531 646 687 729
				B1,5Ia	50 278 507 598
190604	00.7	+30 26	8.4	B7V	564
+29°3885	00.7	+29 11	9.9	G1V	564
190605	00.7	+25 47	7.8	G2V	659
190606	00.7	+20 22	8.7	N	6 v
				N3(C45)	765
190608	00.7	+19 42	5.3	K2III	53 469 475 714 106
190628	00.8	+38 02	8.2	B9IV	667
227477	00.8	+37 42	10.6	G8III	29
				G8IV	667

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
190629	00.8	+36 32	8.4	S7,5	98 765 v
				M8III	29
227487	00.8	+36 24	9.7	A5p?	29 559
				A7V	667
227480	00.8	+35 18	9.5	A1V	667
				A3II	664
190630	00.8	+30 14	7.9	K1IV	564
				K2III	659
190658	00.8	+15 13	6.6	M2+III-	62
190700	01.1	+37 48	9.0	A0IV	667
227510	01.2	+36 24	10.7	F8V	29
227533	01.4	+37 54	10.3	B9,5V	667
227534	01.4	+37 25	10.1	B5:V:	667
227535	01.4	+36 23	10.4	G0:II:	667
				G8III	29
227536	01.4	+35 52	9.5	A0II	672
				B9V	667
227537	01.4	+35 02	10.8	A3V	667
227538	01.4	+34 59	10.8	A2:IV:	667
190749	01.4	+29 34	8.6	G6III	564
				K1III	659
+28°3612	01.4	+29 03	10.9	F2Ia	672
227544	01.5	+38 25	10.6	Am?	559
190771	01.5	+38 12	6.6	G5IV	667
227545	01.5	+37 13	9.7	F2V	667
				F5V	29
227547	01.5	+36 02	10.6	G5V	29
227549	01.5	+35 25	9.7	G8III	667
190779	01.5	-46 35	8.2	F5V	457 705
190785	01.6	+34 42	8.4	A2V	667 v
				A4V	664
227570	01.7	+36 37	10.2	F5V	29 667
227572	01.7	+36 06	10.9	G8V	29
227573	01.7	+35 48	10.1	B7IV	667
227574	01.7	+33 55	10.1	A3IV	664
227575	01.7	+33 27	10.7	F4Ia	672
227563	01.7	+33 19	11.0	F2II	672
190813	01.7	+33 12	8.8	B7III	664
+29°3891	01.7	+29 29	9.7	F6V	659
190815	01.7	+29 25	8.9	A2V	564
+28°3617	01.7	+28 40	9.4	F7V	564
227583	01.8	+36 42	10.8	F5V	29
227584	01.8	+36 38	10.2	B8V	667
227586	01.8	+35 20	9.4	B0III	667
				B1Ib	558
				B1III	727
190841	01.8	+34 38	8.8	A9Ib	672
				F2V	664
+29°3892	01.8	+29 29	9.2	K3III	659
190842	01.8	+29 12	9.2	G8II	564
	01.8	+28 07	11.9	B9Ib	672
190863	01.9	+37 27	8.8	B8V	667
190864	01.9	+35 19	7.8	O6	48 74 76 84 91 135 139 251 257 598 687 727
				O7	49
				O6f	532 729
				O9	667 vb
227597	01.9	+34 46	10.5	A7:III:	667
+30°3888	01.9	+30 11	9.0	K2II	564
+30°3887	01.9	+30 07	11.3	A6Ib	672
190879	01.9	-47 22	6.4	K5III	465 705 714
227607	02.0	+36 14	10.5	B1:Ib:	667
227606	02.0	+36 49	11.3	K2III	29
227611	02.0	+35 37	8.8	BOpe(II)	251 257 486 727
+32°3700	02.0	+32 30	8.9	B6III	664
+30°3890	02.0	+30 37	9.9	B8V	564
+28°3619	02.0	+28 38	9.5	G0V	659
				G1V	564
190885	02.0	+27 51	8.4	K3III	659
227618	02.1	+37 58	10.0	F2V	667
227619	02.1	+37 01	10.4	G8V	29
	02.1	+33 18	12.0	F4II	672
190916	02.2	+41 00	7.8	B9Iab	251 486
				A0Iab	672
190917	02.2	+36 03	7.9	G8III	29
				G8IV	667
+35°3955	02.2	+35 32	7.8	B0,5II	49
				B1Ib	74 131 251 399 482 486 727 729
190918	02.2	+35 31	7.0	O9,5I	642
				O9,5I+WR	74 76 251 727 729
				OB	70
				WN5	538 4
				WN5+O9,5 III	49 84 321
+35°3956	02.2	+35 28	8.8	B0,5V	74 251 257 482 486 667 727 729
				OB	72
190919	02.2	+35 24	7.3	B1Ib	74 131 251 399 455 482 496 531 727 729
				B1II	49
190940	02.3	+67 35	4.7	K3III	53 101 251 479 535 714 106
227634	02.3	+35 29	8.1	BOIb	135 251 257 486 558 727 729
				BOII	49
				BOII-BIII	74 482
190945	02.3	+32 19	9.1	A1V	664
+31°3939	02.3	+31 31	8.8	B5V	564
190960	02.4	+76 13	6.2	M3III	253 62
227648	02.4	+36 34	9.6	A7III	667
190967	02.4	+35 06	7.9	B1Ib	49 v
				B1Ib-II	74 135 251 257 486 687 727 765
				B1Ib-II + O9,5e	766
				B1II	558
190991	02.5	+39 47	8.2	BOIVp	251 257
227657	02.5	+35 58	10.4	Am?	559
190992	02.5	+27 30	8.2	F4nIII	390
227668	02.6	+37 45	10.6	G8III	667
				K0III	29
227671	02.6	+35 26	10.5	B8V	667
+30°3894	02.6	+30 14	8.8	A3III	564
190993	02.6	+23 20	5.1	B3V	105 sb
191010	02.6	+25 24	8.6	G3Ib	387 399 659
191024	02.7	+38 18	8.4	B8II	667
227679	02.7	+36 44	10.4	B8V	667
191025	02.7	+36 26	8.7	A1V	667
				A2p	559
227680	02.7	+36 02	10.1	B3II	251 667 727
				B5:III:	667
191026	02.7	+35 42	5.3	K0IV	178 253 296 469 475 479 687 714
				K1IV	667
191027	02.7	+30 55	8.5	A2V	564
191045	02.8	+38 48	7.0	K5III	387
227609	02.8	+37 37	9.7	B9,5V	667
227691	02.8	+37 02	9.8	G5III	667
				K0III	29
191046	02.8	+35 57	7.2	G8III	667
				G9III	62 158
				K0III	29 257 469 475 687
				K0V	664
227693	02.8	+35 52	10.1	G5IV	29
227695	02.8	+35 35	10.4	A5p	559
227696	02.8	+35 27	9.0	BO5III	667 v
				BO,5IV:	74 135 251 486 687 727
				BO,5V	49
				B1III	125 182 765
191047	02.8	+34 51	8.0	G5II	664
				G8II	667
+30°3900	02.8	+30 58	9.1	F7V	564
227702	02.9	+36 43	10.9	B8:V:	677
227704	02.9	+34 38	8.7	OB	70
				BOIII	49 74 251 257 486 558 687 727
191064	02.9	+33 11	8.1	B9III	558 664
+29°3897	02.9	+29 26	9.3	K0V	564
191069	02.9	-16 00	8.1	G5V	658 705
227708	03.0	+37 54	10.4	K1III:	667

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
227711	03.0	+35 04	9.5	AOIV	667
				A1V	664
191082	03.0	+32 19	8.2	AOV	664
351497	03.0	+17 43	9.3	A2(p)	555
227719	03.1	+38 16	9.7	A1IV	667
227722	03.1	+35 01	9.5	B1III	667
				B2V	558
227728	03.2	+37 44	10.0	B2V	667
227729	03.2	+37 28	10.6	F0IV	29
227730	03.2	+37 01	9.8	G0:II:	667
				K0III	29
227731	03.2	+36 58	10.1	G8III	29
227739	03.3	+37 12	10.7	K0pIII	29
				K5:III:p:	667
227740	03.3	+36 45	9.9	G8IV	29
227741	03.3	+36 34	9.4	B8V	667
191139	03.3	+36 07	8.1	09,5Ia:	667
				B0,5III	49 135 251 486 687 727
+31°3948	03.3	+32 02	10.9	F0II	672
+57°2134	03.4	+57 42	8.8	Se	259 v
				S5,2e	98 765
227749	03.4	+37 48	9.4	B8V	667
191158	03.4	+36 33	6.9	Am	181 559 667
+29°3900	03.4	+29 39	9.5	B9V	564
339627	03.4	+24 19	8.7	F2II	51
				G5III+F	384
191176	03.5	+37 26	8.3	A1III	667
227756	03.5	+36 47	10.4	F0V	29
+35°3967	03.5	+36 04	9.2	09,5V	49 135 257 727 139
				09V	251 667
227758	03.5	+35 17	9.2	B9V	667
191177	03.5	+32 31	9.2	F4V	664
+29°3901	03.5	+29 19	10.2	K2III	564
354944	03.5	+15 31	9.0	F0(p)	555
191190	03.5	-47 02	6.8	K1IV	461 471 705 714 465
227764	03.6	+37 53	10.5	F8V:	667
191201	03.6	+35 26	7.1	09,5III	49 667
				OB	70
				B0,5	532
				B0III	131 135 251 399 486 687 727 729
227767	03.6	+35 18	8.8	B2III:	667
+32°3713	03.6	+32 29	10.7	A3Ib	672
+30°3903	03.6	+31 01	9.3	F0V	564
227775	03.7	+38 11	9.1	A4III	667
191225	03.7	+37 22	8.3	A0V	667
191226	03.7	+36 17	7.4	K2II:	667
				M2III	29
+36°3882	03.7	+36 16	9.9	B1III:	251 486 687 727
227776	03.7	+35 38	10.0	K0II	664
				K0IV	667
191227	03.7	+34 27	8.4	F2IV	664
	03.7	+29 25	11.7	A3(II)	672
227790	03.8	+38 38	10.6	A3p	559
227780	03.8	+38 36	10.0	Am?	559
227782	03.8	+36 53	10.1	A0V	667
227791	03.8	+37 20	9.7	G5III	667
				G5V	29
227792	03.8	+37 02	10.8	K5IV	29
227793	03.8	+36 38	9.6	K5Ib	667
				K5III	29
227784	03.8	+35 33	10.0	B8V	664
				B9,5IV	667
227785	03.8	+35 20	9.6	B8III	667
				B9II	664
191243	03.8	+34 08	6.1	B5Ib	194 251 687
				B7Ib	672
227787	03.8	+33 22	10.7	F4Ib	672
191245	03.8	+30 33	9.1	A3V	564
191257	03.9	+38 21	7.9	A3IV	667
191258	03.9	+30 32	9.0	G5V	564
+30°3909	03.9	+30 10	9.7	B9V	564
191277	04.0	+61 42	5.6	K3III	53 469
+36°3888	04.0	+36 40	10.7	G5III	29
227805	04.0	+36 35	9.8	A3III	667

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
191290	04.1	+38 10	8.2	K0II	667
227818	04.1	+37 09	9.6	B3III	667
227820	04.1	+36 00	9.8	A1IV	677
191291	04.1	+34 49	7.7	B6II:,III:	667
				B6III	558 664
227825	04.2	+37 30	10.7	G8III	29
227827	04.2	+35 35	9.8	B9V	667
+15°4061	04.2	+15 44	8.5	K0IV	471
	04.3	+37 56	11.7	A2Iab	672
227835	04.3	+36 21	11.0	G8III	29
227836	04.3	+35 50	9.6	A2Ia	672 v
				B0,5:V:p	667
				B2::pne	251
28°3635	04.3	+28 28	9.4	A0V	564
227845	04.4	+37 31	10.1	F5IV	29
				F7:IV:	667
227846	04.4	+37 10	10.4	G8III	667
				G8IV	29
227849	04.4	+35 27	10.1	B8III	664
				B8IV	667
227851	04.4	+33 51	9.5	A7III	664
191373	04.5	+54 22	8.1	F3V	38
227861	04.5	+36 49	10.9	K0IV	29
191378	04.5	+36 43	9.1	B9,5V	667
				M2III	29
191395	04.6	+39 28	8.4	B0,5V:	251
191396	04.6	+37 50	8.2	B0Ib	667
				B0,5Ib	49
				B0,5II	251 257 687 727
191397	04.6	+37 40	7.9	F5III	667
				F5IV	29
227873	04.6	+37 11	9.9	G5V	29
227877	04.6	+35 10	9.1	B1:IV	727
				B1:IV:nn	251
				B2V	49
				B3V	667
191398	04.6	+30 03	8.9	A0V	564
191408	04.6	-36 21	5.3	K3V	457 463 677 705 714
191420	04.7	+45 42	8.0	Am	555
191423	04.7	+42 19	8.0	A9V:	139 251 257
191424	04.7	+37 51	8.6	B9,5V	667
227885	04.7	+33 22	9.6	A0V	664
+36°3895	04.8	+36 31	11.5	K2III	29
+29°3911	04.8	+30 03	9.4	F7V	564
191445	04.8	+28 24	8.2	K3III	659
				K4III	387
				K5V	564
227900	04.9	+40 57	10.4	B2III	257
227902	04.9	+37 13	9.3	B1V	251 257 727
				B2V	667
				B2IV	49
191456	04.9	+36 23	7.4	B0,5III	251 667 687 727
				B0,5IV	49
191472	05.0	+37 39	9.2	Am?	559
				A5Ib	667
227912	05.0	+37 28	10.4	G2IV	29
				G5III	667
191473	05.0	+36 57	8.6	B0,5III	49 sb
				B0IV	251 687 727
				B0,5V	552 667
227913	05.0	+36 53	10.8	K0III	29
227915	05.0	+36 13	9.6	B7V	667
227920	05.0	+34 02	9.5	B2(III)	727
				B3V	558
+30°3915	05.0	+30 16	9.5	A1V	564
227930	05.1	+37 37	10.1	F0V	29
227931	05.1	+37 04	10.8	K0III	29
	05.1	+36 58	11.5	B9II	672
191493	05.1	+35 52	8.0	K5II	667
191494	05.1	+35 52	8.8	B8V	667
	05.1	+35 20	11.5	B8II	672
+35°3986	05.1	+35 17	10.0	B(0)e	28
				Bpe	257
191495	05.1	+35 14	8.1	B0V	49 135 251 558 687 727
227934	05.1	+35 06	9.8	A0V	667

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
191496	05.1	+32 54	7.7	A9Ib	664
227939	05.2	+37 58	10.1	B9,5II	667
191511	05.2	+33 22	8.4	G5II	664
191512	05.2	+31 06	8.9	K5V	564
+36°3901	05.3	+37 01	11.7	G8III	29
227951	05.3	+35 32	10.9	A5:IV:	667
191530	05.3	+33 38	7.7	B9II	664
191546	05.4	+43 46	8.5	F2Ib:	51 v
				F5Ib	384
				F8I	211
				F8Ib	682 705
227958	05.4	+37 12	9.9	B8V	667
227959	05.4	+36 52	10.2	G0III	29 765 v
227960	05.4	+35 45	10.0	B2II	667
227966	05.5	+37 02	9.7	F2IV	667
				F2V	29
191566/7	05.5	+35 11	7.2	BOV	49
				B0,5IV	135 251 687
				B0,5V	667
191568	05.5	+33 06	8.5	B9V	664
191584	05.5	-43 04	6.2	K2III	457 705
227977	05.6	+37 13	9.7	B1V	727
				B2III	667
191588	05.6	+34 26	8.4	G8III	664
191589	05.6	+33 23	7.6	K5III	664
191590	05.6	+29 26	8.0	K2III	659
+37°3794	05.7	+37 32	11.7	K5III	29
227982	05.7	+37 02	10.4	F5III	29
191610	05.7	+36 33	4.8	B3V	49 105 697 719 sb
191611	05.7	+36 12	8.6	B0,5III	251 257 667 687 727
				B0,5IV	49
191612	05.7	+35 26	8.2	08	49 75 135 251 687 727
				09,5	667
191613	05.7	+33 07	7.8	A2V	558 664 vb
191615	05.7	+25 15	7.8	G8IV	253 471
				K0III	659
-14°5663	05.7	-14 34	8.7	Ce	259 v
227990	05.8	+38 21	9.6	B9V	667
	05.8	+29 57	12.0	B9II	672
191639	05.8	-09 09	6.4	B1V	251
228004	05.9	+37 07	10.7	G8III	29
228007	05.9	+35 28	10.1	B0,5V:	667
191654	05.9	+15 44	8.1	A1(p)	555
228019	06.0	+37 46	10.6	G8II	667
				G8III	29
228020	06.0	+36 11	10.0	A1V	667
228022	06.0	+35 08	10.2	B3:III:	667
+37°3798	06.1	+37 39	11.6	K2III	29
228030	06.1	+36 41	9.7	F7IV	667
				G0V	29
191692	06.1	-01 07	3.3	B9III	641 645 sb
				B9IV	439 705
				B9V	732 734
				A0III	733
228041	06.2	+35 12	9.1	B0,5V:e	49 251 257 486 667 727
+41°3632	06.3	+41 12	11.9	N	6 v
				N($C4_8$)	765
228052	06.3	+36 51	8.8	B1II	257 687
191720	06.3	+36 41	7.8	B9V	667
228053	06.3	+36 24	9.5	B0:Ib:p	257
				B1Ib	49
				B1II	135 251 727
				B1III	667
228055	06.3	+34 46	9.5	G0III	667
191737	06.4	+58 30	7.8	G3III	38
191738	06.4	+47 33	8.5	R3	6 v
				N3($C5_5$)	766
191742	06.4	+42 15	7.8	A7p	174 181 555 559
228063	06.4	+35 54	8.6	B8V	667
191743	06.4	+33 15	9.1	B7III	664
191747	06.4	+26 37	5.5	A3III	194 714 sb
191753	06.4	-12 41	6.4	K0III	15

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
228068	06.5	+37 15	10.2	B8V	667
228069	06.5	+36 26	9.6	A0V	667
191765	06.5	+35 53	7.8	WN	672 v
				WN6	4 49 427 321 538 556
228073	06.5	+33 30	9.4	B9V	664
191781	06.6	+45 06	9.2	B0Ibp	251
228079	06.6	+36 14	9.2	B8II	667
191783	06.6	+35 39	9.2	N	6 93 v
				N(C48)	765
191785	06.6	+15 54	7.3	K1V	253 296 469 475 714
191811	06.7	+33 34	8.1	B3V	558
191812	06.7	+33 20	8.6	B9V	558 664 vb
191813	06.7	+33 20	8.6	B9V	558 664 vb
228087	06.7	+33 06	9.7	A2V	664
228100	06.8	+37 15	10.9	A2p	559
191833	06.8	+34 34	8.5	F7V	664
				G2V	70
228098	06.8	+32 54	9.9	K0III	664
191849	06.8	-45 28	8.0	M0V	457 519 677 705 714
228101	06.9	+37 10	8.5	B1IV	49
				B1V	251 257 667 687
+36°3919	06.9	+37 01	11.4	G8IV	29
228103	06.9	+35 40	11.0	B5pe	727
228104	06.9	+35 35	8.8	B1:IV	727
				B1:IV:pe	251 257
				B1:V:	667
228108	06.9	+34 04	9.8	F4III	664
228110	06.9	+33 25	9.5	B7V	664
191857	06.9	+16 52	8.4	A1(p)	555
	07.0	+26 06	11.3	A0II	672
191862	06.9	-12 55	5.9	F8V	15
228114	07.0	+37 10	8.9	B8IV	667
228115	07.0	+36 19	10.9	B8:V:	667
228119	07.0	+34 50	9.9	A3V	667
191875	07.0	+29 25	8.0	K3III	659
191877	07.0	+21 35	6.1	B1Ib	251
191878	07.0	+18 12	8.1	F7IV	38
191897	07.1	+36 45	8.0	F8I,G0I-II	51vb
				F8III	667
				G0Ib+B9,5IV:	313
				G2:Ib:	29
				G3Ib+A,B	384
228128	07.1	+36 28	9.7	B8IV	667
	07.1	+35 59	8.9	B9II	672
228132	07.1	+32 33	10.4	F4V	664
191898	07.1	+25 51	9.1	G0V	659
228140	07.2	+37 04	9.6	A0V	667
	07.2	+35 58	8.9	B9II	672
191917	07.2	+35 39	7.8	B0,5III	667
				B1III	49 135 251 687 727
228147	07.2	+34 31	9.3	B9V	664
191935	07.2	-44 29	8.4	F8IV	465 705
228153	07.3	+37 50	10.8	B2:III:	667
228154	07.3	+37 50	10.6	F0V	29
228155	07.3	+36 24	10.3	K1III	667
191945	07.3	+28 52	7.3	M0III	659
228163	07.4	+37 25	9.5	A0IV	667
V429 Cyg	07.4	+35 49	11.6	R	766 v
191978	07.5	+41 04	8.0	08	135 251 257 139
228171	07.5	+37 20	9.3	B9V	667
228173	07.5	+37 08	10.7	G8IV	29
192001	07.6	+41 50	8.2	09,5IV	139 251
228182	07.6	+39 26	9.2	F7V	667
192003	07.6	+37 56	8.8	B0(IV)	727
				B2IV	667
228187	07.6	+37 04	9.7	B2(IV)	727
				B3II	667
228188	07.6	+36 35	9.6	G2:II:	667
228190	07.6	+36 18	10.3	B8:IV:	667
+35°4008	07.6	+35 32	9.3	B2IV-III	727
192004	07.6	+26 31	5.8	K3II-III	387 469
192020	07.7	+38 06	7.8	G8V	38 687
				K1IV	667
228199	07.7	+36 12	9.4	B0,5:V	667
192021	07.7	+33 40	7.8	F6V	664

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
192031	07.7	-15 43	8.7	G8V	253 658
192041	07.8	+38 31	8.0	K2II	667
228205	07.8	+37 45	9.6	F2III	29
				F6V	667
228206	07.8	+37 08	10.4	B9,5V	667
192043	07.8	+26 27	7.6	B8III	642
192044	07.8	+26 11	5.9	B7V (e)	194 457
				(B8)V	584
228213	07.9	+37 09	10.3	F5:V:	667
228214	07.9	+37 04	10.0	B8V	667
228215	07.9	+34 43	11.2	B9:V:	667
192071	07.9	-44 22	8.4	G3V	465 615 705
192078	08.0	+38 35	7.7	G5II	667
192079	08.0	+37 16	8.8	B0IV	687 727
				B0,5IV	49 251
				B2:III	667
KT Cyg	08.0	+36 13	11.9	B5e	211 v
228223	08.0	+35 22	10.3	A2V	667
192102	08.1	+38 23	8.2	B8IV	667
192103	08.1	+35 54	7.9	WR	257 v
				WC	672
				WC7	4 36 48 49 321 427
					530 532 556 727
228229	08.1	+34 18	9.6	G8IV	70 vb
192123	08.2	+38 24	8.6	B8IV	667
192124	08.2	+34 11	7.3	A5III	558 664 vb
228242	08.3	+39 19	10.1	B8III	667
228243	08.3	+37 54	10.0	A5IV	667
228244	08.3	+36 42	9.9	F8V	667
228249	08.3	+35 11	10.5	F7IV	667
228250	08.3	+34 24	9.5	B9V	664
+32°3739	08.3	+32 30	9.1	A4III	664
355163	08.3	+13 42	8.7	AO(p)	555
228256	08.4	+39 42	9.9	Bpe	257
192163	08.4	+38 03	7.4	WN6	4 36 49 95 321 427
					538 556 727
228262	08.4	+37 43	10.3	F5V	29
	08.4	+37 22	10.8	AOp	559
228263	08.4	+37 21	9.4	B1V	251 257 727
				B2V	667
228264	08.4	+35 46	9.3	B9III	667
228266	08.4	+35 23	10.9	A9:IV:	667
192164	08.4	+34 33	8.0	K2V	664
331970	08.5	+32 34	10.3	F8-G1Ib	17 765 v
				F8,5-G1Ib	207
192182	08.5	+38 09	7.2	G8III	667
RZ Sgr	08.5	-44 43	10.4	Sp	765 v
228289	08.7	+37 46	9.5	B2(III)	727
228290	08.7	+37 42	9.6	B1II	667
228293	08.7	+36 22	9.9	B6:III:	667
192225	08.7	+33 12	8.1	B8III	664
228298	08.8	+39 26	8.6	A1V	667
228299	08.8	+37 42	10.4	AOV	667
192243	08.8	+32 26	8.8	AOV	664
228304	08.9	+37 17	10.3	F2:III:	667
192260	08.9	+34 53	7.6	KOIII	667
				KOIV	38 687
				K3V	664
-14°5679	08.9	-14 08	10.2	A5-F4Ib	766 v
192281	09.0	+39 58	7.5	O5	531
				O5f	48 71 76 91 131 135
					139 251 257 598 729
228312	09.0	+38 03	10.5	A7:Ia:	667
192283	09.0	+36 21	8.2	B9,5V	667
192284	09.0	+34 10	8.1	A2V	664
192285	09.0	+32 57	8.2	A4IV	664
192286	09.0	+30 11	7.9	G8III	659
192287	09.0	+24 56	8.5	MIII	659 v
192310	09.0	-27 20	5.7	KOV	457 677 705 714 v
+37°3827	09.1	+38 05	10.5	FOIII	667
				F3Ia	672
				F3Ib	390 399
192303	09.1	+37 56	9.1	B1III	667
				B2(III)	727
228326	09.1	+36 07	9.1	BO(IV)	727
				B2IV	667

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
	09.2	+36 02	11.7	AOII	672
228335	09.2	+35 53	11.7	AOII	672
228339	09.2	+35 07	9.4	B9,5III	667
	09.2	+34 32	9.4	K2III	664
192321	09.2	+33 53	8.4	A2V	664
192322	09.2	+33 32	8.6	B7III	664
228346	09.3	+36 43	10.6	A8Ib	672
228347	09.3	+35 44	10.4	B2:II	667
				AOIb	672
228348	09.3	+35 26	10.1	B7IV	667
228349	09.3	+33 54	9.4	AOV	664
192342	09.3	+23 56	6.5	Am	555 194
192343	09.3	+06 18	8.0	G4V	38
192344	09.3	+06 18	7.8	G4IV	38 714
228353	09.4	+39 50	11.1	A7Iab	672
228354	09.4	+39 30	10.0	B9V	667
228355	09.4	+39 11	9.6	G5III	667
228356	09.4	+38 41	9.5	GOV	667
192361	09.4	+38 10	8.4	B8III	667
228358	09.4	+37 41	10.2	A2III	667
228365	09.5	+40 43	10.0	B1V	257
192382	09.5	+36 26	8.6	A1:V	667
192383	09.5	+35 18	8.0	G5III	664
				K1II	667
228368	09.5	+34 43	8.4	O7	139 251 257 687 727
				O9V	667
192385	09.5	+18 18	8.1	F6Ib	672
192388	09.5	+16 25	9.0	GO-G8Ib	46 765 v
KU Cyg	09.6	+47 05	11.4	oFpe+MOIII	765 sb
				F4Ia+MOIII	336
228374	09.6	+38 46	9.7	A2V	667
228380	09.6	+34 45	9.0	F5I:	51
				K2III+F	384
192404	09.6	+34 36	8.8	KOII	667
				K3V	664
192405	09.6	+27 14	8.0	F7V	659
192410	09.6	-17 09	7.8	K5III	47
192422	09.7	+38 28	7.1	BO,5Ib	49 74 131 135 251
					257 399 486 531 687
					727 729
				BO,5II	667
192425	09.6	+14 54	5.0	A2V	81 194 472 714sb?
228397	09.7	+35 08	10.3	A9:V:	667
+32°3749	09.7	+32 15	9.9	BO:pe	251 257
				BOne	3
+31°3996	09.7	+31 47	10.8	B9Iab	672
WZ Aql	09.7	+04 29	11.8	M6pe	765 v
228400	09.8	+38 58	10.2	A1V	667
192443	09.8	+38 26	7.5	N	93 v
				Ne	6
				NOpe	1 765
				$C8_2e$	259
192444	09.8	+38 11	8.4	B1II	727
				B1III	49
				B3:III:	667
228403	09.8	+36 23	9.5	A7III	667
192445	09.8	+36 02	7.2	BO,5III	667
228404	09.8	+35 03	11.0	B9,5:V:	667
228405	09.8	+34 59	11.3	B8II	672
228408	09.9	+39 24	10.0	B8IV	667
228413	09.9	+37 24	9.5	KOIII	667
228416	09.9	+35 50	11.0	KO:V:	667
228426	10.0	+36 11	8.5	A7III	667
228427	10.0	+35 26	10.4	A7:V:	667
+30°3652	10.0	+30 09	11.3	K2III	40
228437	10.1	+37 00	8.9	BO,5V:	667
228438	10.1	+36 20	9.0	BO(IV)	727
				BO,5III	667
228439	10.1	+35 27	10.4	GOV	667
192514	10.2	+46 31	5.0	A3III	81 v
228448	10.2	+39 14	10.0	AOV	667
228452	10.2	+35 06	9.8	B3V	257
				B9,5:V:	667
192516	10.2	+33 22	9.0	B9IV	664
228461	10.3	+37 56	9.5	B1II	667
				B2II:	257 667

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
192535	10.3	+43 04	6.2	K4III	387
192536	10.3	+38 51	7.0	Am	181 559
				A7III	667
192537	10.3	+37 56	9.2	B8V	667
228456	10.3	+36 30	9.9	B2IV	251 257 667 727
192538	10.3	+36 18	6.4	AOIII	194 667 687
228450	10.3	+36 14	8.9	BO,5p	667
				B2II	727
192539	10.3	+31 41	7.3	B2III	251 257
228463	10.4	+37 28	9.6	B1V:	667
228465	10.4	+36 49	9.8	FOIV	667
192556	10.4	+35 58	8.7	K5III	667
192557	10.4	+35 03	8.0	F6V	664
				F8IV	667
				F8V	70
192558	10.4	+34 40	8.2	G2V	664
				G8II	667
228471	10.4	+33 08	9.9	B2Vn	257
228472	10.4	+32 56	9.5	A3III	664
192577/8	10.5	+46 26	4.0	K2II	469 475 v sb
				K2II+B3V	259
				K2II+B3V+ A3V	313
				K4Ib+B4V	766
228473	10.5	+40 20	10.3	BOIII	727
228475	10.5	+37 18	9.4	A2IV	667
228476	10.5	+36 16	11.2	B8:V:	667
192584	10.5	+34 34	9.0	B8V	664
228483	10.6	+37 43	9.8	B9V	667
228485	10.6	+36 51	9.7	A5III	667
228486	10.6	+36 39	9.0	B8III	667
192603	10.6	+35 53	8.4	K2Ib	667
192604	10.6	+35 38	9.2	B7III	667 v
				B8V	664
192605	10.6	+35 19	8.7	B8IV	667
				B9V	664
192606	10.6	+35 06	8.4	B7V	664
				B8III	667
				B9p	20 555
228490	10.7	+38 11	9.6	B9V	667
228491	10.7	+37 43	10.0	A4:IV:	667
228493	10.7	+35 44	10.1	KOIV	667
+26°3840	10.7	+26 28	9.5	G5III	659
192635	10.8	+74 08	8.1	F4IV	38
192639	10.8	+37 03	7.1	O8	732
				O8f	48 49 71 74 91 131 135 139 182 251 257 531 532 687 727 729
				O9V	667
192640	10.8	+36 30	5.0	AOV	667
				A2p	81 287 555 714
				A2III	131 194 687
192641	10.8	+36 21	7.9	WC	672
				WC6	49 321 727
				WC7	4 95 427 538 556
				WN	48
				WR	257
228506	10.8	+32 43	9.3	G5V	664
192660	10.9	+40 01	7.5	BOIa	251 257 486 687
228509	10.9	+37 17	9.4	A3V	667
192661	10.9	+36 27	6.6	G8III	667
192678	11.0	+53 21	7.1	A4p	174 555
228519	11.0	+38 37	9.5	BO,5III	667
228521	11.0	+37 54	9.7	B9V	667
+35°4034	11.0	+35 15	9.5	B8IV	667
192685	11.0	+25 17	4.8	B3V	697 719 sb
192686	11.0	+15 08	8.5	AO(p)	555
192687	11.0	+13 32	8.6	AO(p)	555
192696	11.1	+56 16	4.3	A3IV,V	112 687 sb?
228530	11.2	+41 32	10.2	BO,5II	257
228534	11.2	+37 05	9.2	O9,5II:	667
228535	11.2	+36 33	10.8	B2IV	727
192711	11.2	+34 41	9.2	A1III	667
				A2V	664
192713	11.2	+23 12	5.4	G2Ib	42 45 178 399 469 145sb
228543	11.3	+37 50	9.0	BOIII	727
				B2:II:	667
228544	11.3	+35 30	10.3	FOIV	667
192732	11.3	+29 42	8.0	KOIII	659
192737	11.3	-21 38	8.6	N	6 v
228548	11.4	+39 40	10.1	BOpe	251 257
	11.4	+38 30	11.3	B8Ib	672
228550	11.4	+37 45	10.2	G5:III:	667
192744	11.4	+37 23	7.3	FOV	667
				F1II	672
228552	11.4	+37 20	10.0	B9V	667
192745	11.4	+37 05	8.1	AOV	667
228553	11.4	+36 58	8.9	BOV	727
				B2:IV	667
228557	11.4	+34 42	11.0	B2IV	727
192766	11.5	+38 18	7.8	B9IV	667
+36°3963	11.5	+36 33	11.1	B8II	672
228577	11.6	+36 21	10.2	A2V	667
228579	11.6	+34 43	10.7	B8V	667
228584	11.7	+39 24	8.9	G8III	667
228585	11.7	+37 18	9.6	AOV	667
228586	11.7	+37 15	9.9	B9,5V	667
228587	11.7	+36 19	10.1	B1II	251 257 667 687
192804	11.7	+30 56	7.7	F8V	38 687
192806	11.7	+27 30	4.7	K3III	53 469 475 106
228592	11.8	+39 20	8.9	AOII	667
228594	11.8	+38 45	9.5	A4III	667
228595	11.8	+38 44	9.2	A2V	667
228598	11.8	+37 55	10.0	A3IV	667
228602	11.8	+36 32	9.8	B1III	251 257 667 687
228603	11.8	+35 50	9.4	F8V	667
+57°2161	11.9	+57 47	9.6	RO	308
192832	11.9	+42 06	8.6	B5Ia	251 257
192833	11.9	+35 04	8.1	F7IV	667
228615	12.0	+39 19	9.4	B8III	667
228618	12.0	+37 42	11.1	B8II	672
192867	12.1	+43 50	7.4	M1III	38
192869	12.1	+42 03	7.9	F6IV	38
228624	12.1	+37 40	10.5	B2II	727
228625	12.1	+36 03	10.4	B8II	672
192870	12.1	+35 49	9.2	B9,5V	667
192871	12.1	+22 05	7.1	F3II	672
192876	12.1	-12 49	4.6	G3Ib	42 47 71 112 131 162 259 303 399 455 645 646
				G5Ib	15
192879	12.1	-22 07	6.0	G8IV	645
228639	12.2	+34 51	10.5	A5:III:	667
192892	12.2	+26 11	7.3	G9III	659
192907	12.3	+77 25	4.4	B9III	81 714 732
228646	12.3	+36 56	10.1	B2V	727
				B8:V:	667
228647	12.3	+36 31	9.7	K2III	667
228650	12.3	+34 44	9.5	G5III	667
+32°3761	12.3	+32 23	10.2	A2Ia	672
192909/0	12.4	+47 24	4.2	K3Ib-II	469 475 v sb
				K3Ib-II+B	259 765 112
192913	12.4	+27 29	6.7	AOp	174 555
192934	12.4	+38 35	6.1	A1IV	667
				B9,5Vp	194 687
228657	12.4	+37 20	9.0	B8V	667
228658	12.4	+37 15	10.8	B1V	727
228609	12.4	+36 01	11.5	B8II	672
				G5III	667
	12.4	+35 53	11.5	B8II	672
192944	12.5	+24 22	5.4	G8III	53 469 475 714 106
192947	12.5	-12 51	3.8	G5III	15 sb?
				G7III	439 645 705
				G9III	53 131 178 259 299 303 645 714 106
				KOIII	652
228671	12.6	+38 34	10.8	B2III	727
228674	12.6	+35 19	9.5	F6V	667
192961	12.6	-46 44	8.7	K5V	465 705
228681	12.7	+39 05	10.0	A2V	667
228683	12.7	+37 08	9.7	B9IV	667
228684	12.7	+34 48	11.0	B3II	257 667 727
228690	12.8	+37 37	9.3	BO,5V	49 251 257 486 667 687 727

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
+37°3859	12.8	+37 21	9.8	B1III	49
				B1IV	251 727
192987	12.8	+36 45	6.2	B5IV	667
	12.8	+36 42	10.5	B1III	727
192988	12.8	+36 38	8.2	F0IV	667
	12.8	+36 29	10.5	B2IV	727
192989	12.8	+35 58	7.0	G5IV	667
228693	12.8	+35 10	10.0	A1V	667
192990	12.8	+35 09	7.2	B9IV	667
+37°3862	12.9	+37 21	9.7	B0V	49 251 257 667 727
193007	12.9	+37 20	7.9	WN5	727
				B0,5II	251 482 486 687 727 729
				B0,5IV	49
228700	12.9	+37 04	9.6	A0V	667
228701	12.9	+36 10	10.1	A3V	667
193009	12.9	+32 04	7.0	B1V:pnne	251
193011	12.9	+29 48	8.0	K1III	659
193028	13.0	+76 52	9.3	Se:	98 259 v
193030	13.0	+64 27	7.2	G5IV	15
193032	13.0	+38 35	8.4	B0,5Ia	667
				B0III	251 257 687 727
				B0,5III	49
193033	13.0	+37 08	8.0	A9III	667
193054	13.1	+52 12	7.3	K5III	38
228712	13.1	+40 34	8.6	B0,5Ia	251 257
228713	13.1	+39 19	9.4	A0IV	667
228715	13.1	+36 51	9.0	K2V	667
	13.1	+36 34	11.7	B2III	727
228721	13.2	+37 13	9.4	K0III	667
228722	13.2	+36 53	8.8	G0V	667
193076	13.3	+37 22	7.7	B0II	642
				B0,5II	49 251 257 486 687 727
				B1III	667
193077	13.3	+37 07	8.0	WN5	36 49 321 427 727
				WN5.5	48 sb?
				WN6	4 95 538 556
	13.3	+36 37	11.4	B1V	727
193090	13.4	+45 01	7.5	K5III	387
193092	13.4	+40 03	5.5	K4II	53 469 475 106 v
				K5II	387 399
193094	13.4	+28 50	6.2	G9III	117
193117	13.5	+40 32	8.7	O9,5II	139 251 257
193150	13.6	-19 26	5.5	K3II	53 714
193182	13.8	+39 16	6.6	B9II-	672 (Ape:48)
193183	13.8	+37 55	7.1	B1,5Ib	49 74 131 251 399 486 531 687 727
				B2Ia	667
193184	13.8	+37 18	8.6	F2II	667
228766	13.8	+37 00	9.1	O6f or WR	139 251 257 sb
				O6f	727
				Be	28
				WN7	48 49 321 511 538
	13.8	+36 38	11.5	B0V	727
193204	13.9	+36 07	8.6	F2III	667
193205	13.9	+24 11	8.7	F6Iab	672
228778	14.0	+38 38	9.1	G5III	667
228779	14.0	+34 30	8.9	O9,5Ib	139 251 257
193217	14.1	+42 25	6.4	K4II:	387 469
228791	14.1	+38 18	8.7	B6IV	667
193221	14.1	+25 12	7.8	K2III	659
193231	14.1	-55 07	8.4	G8V	705 713 sb
193237	14.1	+37 43	4.9	B1p	49 538 727 728 729
				B1ep	95 v
228797	14.2	+39 43	3.4	B1II	257 667
193247	14.2	+39 36	8.9	A2V	667
228807	14.3	+38 07	8.8	B5IV	667
228808	14.3	+37 17	10.3	F5Iab	672
193268	14.3	+36 51	7.7	F5IV	667
V371 Cyg	14.3	+29 50	12.9	G5III	336 765 sb
193292	14.4	+31 48	7.2	Am	181 559
+30°3980	14.4	+30 30	8.3	B9Ib-II	251 257 672
193307	14.4	-50 18	6.4	G2IV-V	705 713 714
228822	14.5	+39 38	9.0	B9V	667
193322	14.6	+40 25	5.8	O8	76 131 139 257 531 728 729 735

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
193324	14.6	+39 15	8.8	B8V	667
	14.6	+37 42	10.4	B0,5V	727
228832	14.7	+39 34	8.7	B2-3:V:	667
193344	14.7	+35 56	8.0	B9p	26 555
193347	14.7	+26 40	6.7	M2III	659
193367	14.8	+39 31	9.2	A0IV	667
228841	14.8	+38 34	8.9	O6,5	74 76 115
				O7	49
				O7,5p	139 251 257 667
193368	14.8	+37 09	9.0	Ne	6 v
				N3e(C8e)	765
				(C8e)	259
193369	14.8	+36 41	5.5	A1IV	667 sb
				A3V	194 687
193370	14.8	+34 40	5.2	F5p	48 v
				F5Ib	42 131 147 163 315 384 399 455 469 665 687
				F7I-II	672
228852	15.0	+39 18	9.6	K3II	667
	15.0	+38 01	10.3	A0Iab,h	672
228854	15.0	+36 02	8.9	O7+O8	765 sb(344:O6,5+O7,5)
				O8	49 139 251 257 667 687
				O9V	125
193426	15.1	+39 54	8.0	B9Ia	251 687
				A0Iab	672
193427	15.1	+39 05	9.2	B1III	49
				B1V	251 257 486 667 687
228859	15.1	+36 56	10.4	B0,5Ia	257 486 667
228860	15.1	+36 39	9.7	B0,5IV	251 257 486 667
193432	15.1	-13 04	4.8	B9IV	174
				B9V	81
193443	15.2	+37 57	7.2	O9III	49 71 74 76 84 131 139 251 257 531 687
				B0Ib	667
193444	15.2	+37 31	8.5	B0,5V	49 251 687
				B1III	667
228875	15.3	+39 26	9.5	B1III	667
193469	15.3	+38 41	6.7	K5Ib	387 399 469 667
193487	15.3	+36 26	7.8	F4II	672
				F4III	667
228877	15.3	+34 09	10.8	B1IV	727
228882	15.4	+40 23	9.2	B0,5Ia	251 257 486
228886	15.4	+37 05	10.5	B0,5III:	257 486 667
193488	15.4	+27 06	8.2	F6IV	659
193495	15.4	-15 06	3.2	F8V	645 sb
193514	15.5	+38 57	7.3	O7f	49 71 74 76 115 131 135 139 251 257 531 598 687 729
				O8f	48
				O9V	667
193515	15.5	+37 50	7.7	K1II	667
193516	15.5	+37 28	8.7	B1III	49
				B2:III:	251
				B3II	667
193533	15.6	+72 16	7.3	M3III	38
193536	15.6	+46 00	6.3	B2V	131 sb
193537	15.6	+37 21	9.2	B9,5IV	667
228907	15.7	+37 20	10.7	A0II	672
193571	15.7	-42 21	5.6	A0V	645 705 713 ts
				A1V	456 460 641
193576	15.8	+38 25	8.0	WR	257 sb
				WN5	49 538 615
				WN5+B1:	321
				WN6	48 95
				O6+WN5	333 511
				O6+WN5.5	765
228913	15.8	+35 54	10.0	B0,5III:nn	251 257
228919	15.9	+40 08	9.7	B1IV	251 257 486
193595	15.9	+38 44	8.7	O7	74 76 139 251 598 687
				O8	49
				O9V	667
193610	16.0	+42 41	7.7	A0:Ib:	251
228928	16.0	+40 20	9.7	B2Ib:nn	251 257
228929	16.0	+39 36	9.6	B0,5Ib	251 257 486

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
193611	16.0	+38 01	8.7	09,5Vn	49 v sb
				BOVp	251 687
				BO,5IV	667
				BOV+BOV	765
193612	16.0	+37 24	9.2	AOIII	667
228935	16.0	+36 49	9.5	G5III	667
228942	16.1	+38 54	9.5	A5V	667
228943	16.1	+38 17	9.3	BOII:	251 257 486 687
193621	16.1	+36 49	6.5	AOIV	667
				A1III	194 687
193634	16.2	+38 01	7.5	B2III	49
				B3II	667
				B3III	251 687
193635	16.2	+37 05	8.6	A3V	667
193636	16.2	+35 57	8.5	A7III	667
193637	16.2	+33 37	8.6	Am	181 559 v
228957	16.3	+36 15	9.7	A5V	667
193664	16.4	+66 31	5.9	G5V	463 677
228960	16.4	+39 19	8.7	B9,5V	667
193680	16.5	+47 35	6.1	Ne	6 v
				Npe	1
				Npe(C72e-C92)	765
				C72e	259
				C72-C92	135
193681	16.5	+38 31	8.6	B9V	667
228969	16.5	+38 21	9.5	B2II:	251 257 667
193682	16.5	+37 30	8.4	05	49 74 76 115 139 251 598 687
				09	667
193701	16.6	+45 02	7.0	F2Ib:	51
				F5IV	384
193702	16.6	+39 05	6.2	AOIV	667
				A1V	224
				A2V	194 687
				A3V	714 27
+38°4025	16.7	+38 23	9.7	09Vnn	139 251 257 667
228997	16.8	+39 19	9.0	B9III	667
228998	16.8	+38 40	8.7	B7II	667
193793	17.1	+43 32	6.8	05+WR	251 sb
				WC6	4 95 538
				WC6+06	321 335 511
				WC6+05	427
193794	17.1	+39 02	9.1	09,5IV	49
				BOV	251
229020	17.1	+37 08	9.3	A7IV	667
193799	17.1	+06 51	7.6	G9III	38
229027	17.2	+39 18	9.4	B9V	667
193814	17.2	+37 56	7.9	B8V	667
229033	17.2	+37 25	8.8	BOII-III	251 257 687
				B1II	667
193815	17.2	+36 37	8.6	A9III	667
193839	17.3	+39 09	9.1	A5V	667
229041	17.3	+38 15	8.9	A9III	667
229043	17.3	+36 29	9.9	09,5II	139 257 667
193855	17.4	+38 42	7.8	B2III	49 74 251 687
				B2IV	667
229049	17.4	+38 42	9.6	B2III:p	251 257 667
193857	17.4	+30 16	6.8	Am	181 559
229059	17.5	+37 05	8.9	B1,5Iap	71 74 251 257 667
				B1,5Ibe	49
				Be	28
193889	17.6	+39 17	8.5	F6IV	667
193890	17.6	+38 01	8.8	B9,5V	667
229068	17.7	+39 02	9.8	B9V	667
193911	17.7	+24 08	5.4	B7IV(e)	194
				B8II	672
193924	17.7	-57 03	2.1	(B8)V	584
				B3IV	79 80 287 439 444 641 645 705 719 v sb
193927	17.8				
193928	17.8	+36 50	8.8	A5III	667
		+36 36	9.4	WN	672
				WN5+	321 538 556
+45°3149	17.9			WN6	9 48 49 95
				WR	257
		+45 44	9.4	B1V	251 257

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
193945	17.9	+40 52	8.4	BOVnn	251 687
193946	17.9	+39 30	9.2	B2Ib	251
229086	17.9	+36 12	9.6	A5Ib:	677
193966	18.0	+39 07	8.8	A8IV	667
193984	18.1	+37 59	8.9	AOV	667
194008	18.2	+38 57	8.9	A1V	667
194009	18.2	+38 18	8.8	B3Ib-II	257 667 687
				B3II	49 251
				B3III	667
				B8Ib	672
194012	18.2	+14 13	6.2	F8Ib	646
194013	18.2	+05 01	5.4	G8III-IV	53 469 475 714 106
229108	18.3	+39 08	9.5	BO,5Ib	251 257 667
194057	18.4	+44 30	7.5	B1Ib	251 257 486
229114	18.4	+39 31	9.6	G8II	667
	18.4	+37 22	11.1	B9II	672
229115	18.4	+34 55	9.9	B2IV	251 257
194069	18.5	+40 48	6.4	G2I:,GOI	
				- II	51
194070	18.5	+38 49	8.7	G2II	384 469
194071	18.5	+27 55	8.0	G8IV	667
194092	18.6	+40 39	8.3	G8III	659
194093	18.6	+39 56	2.3	BO,5III	251 257 687
				(F5Iab)	672 v
				F8Ib	30 42 47 65 71 87 101 112 131 163 177 187 287 399 469 529 530 535 641 758
229125	18.6	+39 25	9.3	A2V	667
229134	18.6	+38 35	10.0	B1V	251 667
194094	18.6	+38 23	9.0	09III	139 257 667
				09,5IV	49
				BOV	251
194095	18.6	+37 46	7.8	K1III	667
194152	18.9	+45 27	5.9	K0III	387 v
229146	18.9	+38 56	9.5	B8V	667
194153	18.9	+37 48	8.7	B1Ia	667
				B1Iab	49 74 251 687
229153	19.0	+37 39	9.1	B0I	251 257 667
+0°4492	19.0	+00 37	9.3	S7,2	98 v
194177	19.1	+37 06	8.5	G0V	667
+28°3729	19.1	+28 28	9.7	K1III	659
194194	19.2	+40 23	8.4	B2III	251 687
229159	19.2	+38 53	8.5	B1,5Ib	251 257 667
229161	19.2	+38 26	9.7	A0IV	667
229164	19.2	+37 42	9.1	F8V	667
194205	19.3	+39 02	9.0	B2III	251 257
194206	19.3	+38 54	6.6	B8V	667
194207	19.3	+38 26	8.9	B9V	667
194215	19.3	-28 59	6.0	K3V	645
194220	19.4	+42 40	6.1	K0III	117 714 v
229171	19.4	+38 08	9.3	BO,5III:n	251 257
	19.4	+36 44	11.7	A5Iab	672
229179	19.6	+38 51	10.6	B1:III:	257 766
229194	19.6	+36 05	9.9	F0III	667
229196	19.7	+40 34	8.5	05	139 251 257 598
194279	19.7	+40 26	7.0	B1,5Ia	50 71 131 173 251 257 306 399 482 531 687 729
194280	19.7	+38 37	8.5	BOIb	49 251 257 687
194297	19.8	+66 22	9.0	B1,5Ia	455
194299	19.8	+63 07	7.3	M0III	38
+39°4162	19.8	+39 50	9.5	08V:	139 251 257
	19.8	+39 02	10.6	BOV	257
+36°4048	19.8	+36 59	9.7	BOIb	251 257
194303	19.8	+36 37	8.6	B3II	257 687
				G5:V:	667
	19.9	+32 19	12.0	F4II	672
194317	19.9	+31 52	4.6	K3III	15 53 101 253 469 475 535 687 106
+23°4002	19.9	+23 28	10.2	B9Ib	672
229211	20.0	+39 20	8.9	A3V	667
194334	20.0	+38 34	8.8	07,5V	139 251 687
229212	20.0	+38 30	9.6	A1V	667
229213	20.0	+37 29	10.3	A1V	667
194335	20.0	+37 10	5.7	B5:	667 sb

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
				B2III	584
				B2Vp	131 315
229214	20.0	+36 12	9.5	B1Ib	251 257
229221	20.1	+38 11	8.8	Bpe	251 257
				BO:I:pe	74
				BOII:e	49
194356	20.1	+37 40	8.6	B9,5V	667
194367	20.1	+36 43	6.7	AOII	181
				B9II	672
				B9III	667
194378	20.2	+38 11	6.4	AOIII	667
229227	20.2	+38 08	8.6	BOII	74 251 257
				BOIII	49
194379	20.2	+35 54	6.6	K5II	667
229232	20.3	+38 47	9.5	O5f	139 251 257
229234	20.3	+38 12	9.3	O9II	49
				O9,5III	71 74 139 251 257
194403	20.3	+2[illegible]	8.2	K3III	659
194424	20.4	+39 13	8.1	B8IV	667
229238	20.4	+38 13	8.5	BOI	251 257
				BO,5Ib	74
				BO,5II	49
229239	20.4	+38 11	8.6	Be	28
				BOII	251 257
				BO,5I	71
				BO,5IIe	49
				B1Iab	74
229240	20.4	+37 25	9.5	B9V	667
	20.4	+21 05	11.5	B8II	672
194433	20.4	-37 43	6.3	K2IV-V	457 705 714
	20.5	+39 20	9.9	O7	139 257
194447	20.5	+36 00	9.3	AOV	667
194466	20.6	+37 52	8.8	B8III	667
194467	20.6	+37 15	7.9	B9V	667
194479	20.7	+44 22	8.0	K1III-IV	387
+39°4168	20.7	+39 26	10.0	O7	139 257
229270	20.9	+37 12	10.0	B9:V:	667
+30°4021	20.9	+30 43	10.8	F2II	672
194510	20.9	+25 24	6.4	F7IV	659
	20.9	+17 34	9.0	N	6
194525	21.0	+30 15	8.1	GOIII	659
				G2Ib-II	387
194526	21.0	+09 45	6.5	K5III	469 475 62 v
194538	21.0	-68 21	8.6	K5III	704 713
194558	21.2	+39 50	6.8	K2III	387
229278	21.2	+37 47	9.5	F5:V:	667
194559	21.2	+35 55	8.2	G5III	667
194576	21.3	+39 31	8.4	B8III	667
	21.3	+39 08	12.2	BO,5:III:	257
+37°3927	21.3	+37 09	10.2	O8f	139 257
V744 Cyg	21.4	+55 57	9.5	N	6 765 v
194595	21.4	+26 23	8.2	F2IV	38
194598	21.4	+09 09	8.4	F6V	253 296 425 462
194616	21.5	+19 31	6.3	KOIII	117
194640	21.6	-31 11	6.6	G5V	457 667 705 714
194649	21.7	+39 54	9.0	O6,5	139 251 257
194670	21.8	+39 28	7.2	B8V	667
194685	21.9	+39 46	7.7	F8V	387
+36°4063	21.9	+37 03	9.7	O9,5Ib	139 257
194708	22.0	+42 17	6.8	F2II	51
				F6III	384
194737	22.2	+54 41	7.5	KOII-III	38
229296	22.2	+39 18	9.0	F8IV	667
194779	22.4	+41 01	7.8	B3II	251 257 687
194790	22.5	+38 32	7.8	A3IV	667
194791	22.5	+36 52	8.7	AOV	667
+39°4189	22.7	+39 20	9.3	B2p?e?	251 257
	22.7	+33 29	10.9	(A4II)	672
194839	22.8	+41 03	7.4	BO,5Ia	50 71 131 135 173
					251 257 399 455 687
					729
				BOIa	42 48
				B2e	28
194917	23.1	-12 07	7.4	MOIII	38

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
194937	23.2	+08 07	6.0	O9III	117 714
194943	23.2	-18 09	5.0	F2III	47 299 303 474 714
194951	23.3	+34 00	6.4	F2Iab	672
				F3II	387
194953	23.3	+02 36	6.3	O8III	117 714
194960	23.3	-18 12	6.5	K1III	253 714
+27°3739	23.4	+27 43	10.1	O8III	659 vb
195019	23.7	+18 28	6.8	O3IV-V	62
+38°4098	23.8	+38 26	9.0	B9Ib	251 257 672
195050	23.9	+38 07	5.4	AJV	194 687 714
195075	24.0	-12 55	7.5	O7III	38
+40°4179	24.1	+40 16	9.6	O8V:	251 257 139
195100	24.2	+42 44	7.5	O2Ib:	51
				O5III	384 469 687
				O6III	38
+37°3943	24.2	+37 41	10.6	F6Ia	672
195135	24.4	-03 13	5.1	K2III	53 645 714
+37°3945	24.6	+38 02	9.5	BOII:nn	251 257
	24.6	+27 06	11.8	F2II	672
+40°4185	24.7	+40 18	9.8	BOV:	251 257
195177	24.7	+38 17		WC	321 414
195194	24.8	+39 00	7.1	O8III	387
195213	24.9	+40 28	8.7	O7	139 251 257 598
195216	24.9	+27 31	8.6	K5III	659
195217	24.9	+19 45	6.4	Am	555 194
+39°4208	25.2	+39 39	9.4	M3Ia	2 282 765 v
195273	25.2	+26 36	8.2	K1III	659
195295	25.3	+30 02	4.1	F2Ib	15
				F4Ib	30 672
				F5II	42 47 112 131 155
					469 529 530 687 287
					399 106
195324	25.5	+36 07	5.9	AOIb	672
				A1Ib	194 687
+33°3923	25.5	+32 53	10.1	F7I-II	672
195338	25.6	+47 17	7.2	O7II	387 469
195405	26.0	+41 59	8.2	GOp,GOI	51
				G2IV	384
195407	26.0	+36 39	7.7	BOIV:pe	251 257 486 687
				B1V	88
	26.0	+30 53	12.0	B9II	672
+46°2948	26.1	+46 19	10.0	B1V:nne	251 257
195432	26.2	+27 30	6.9	(G2I)	672
195435	26.2	-12 13	9.0	B5	308
				B6	6
195479	26.5	+20 16	6.0	Am	555 714 194
+27°3773	26.6	+27 37	9.7	K2III	659
195506	26.7	+45 36	6.6	K2+III:	62
				K2III	253 469 475 714
195509	26.7	+26 21	7.7	KOIII	659
195527	26.8	+67 27	7.2	KOIII	15
195531	26.8	+29 57	8.8	F6V	387
195534	26.8	-00 29	7.6	O8III	38
195556	27.0	+48 37	4.9	B2V	105 699 719 sb
195564	27.0	-10 12	5.8	G3V	645
195592	27.2	+43 59	7.1	O9I	42 48
				O9,5Ia	50 71 131 135 139
					173 251 257 306 399
					465 531 665 687 729
195593	27.2	+36 36	6.2	F5Ia	42 48
				F5Iab	65 315 384 399 455
					469 472 597 687 131
				F2Ip,F2I,	
				F2p	51
195627	27.3	-60 55	4.8	FOn	456
				FOV	705
	27.5	+41 10	11.1	O9V	165 251 139
195665	27.6	+32 14	10.0	S5,8	98 140 765 v
195667	27.6	+26 42	8.2	K3III	659
195668	27.6	+18 17	7.2	M4II-III	38
	27.7	+41 10	10.8	B1Ib?	165 251 257
195712	27.8	+26 44	8.6	KOIII	659
195725	27.9	+62 39	4.3	Am	25 112 289 299 555
					724 sb
+40°4212	28.0	+40 52	10.3	O9?	139 251 257
195763	28.1	+17 07	9.0	Se	259 v

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
				S5,2,5e	98
				S5,253-S7-2e:	765
195767	28.1	-06 33	7.3	M3III	38
195790	28.3	+27 10	8.4	G8III	659
195807	28.4	+54 15	8.2	F2III	38
195810	28.4	+10 58	4.0	B5V	439 641 v
				B6III	105 719 728 729 732
195820	28.5	+51 58	6.1	KOIII	117 714
	28.5	+40 55	15.5	WC6	321
	28.5	+40 28	14.0	WN7	321
+40°4219	28.6	+41 06	10.2	O8	139 251 257
195834	28.6	+28 43	8.0	K3II	659
195850	28.7	+82 02	8.1	F5IV	38
+40°4220	28.8	+40 58	9.1	Of	339
				Of+O8	765
				Of+O9	349
				O7f	139 251 257
	29.2	+41 05	10.7	O8(V)	165 251 257 139
195943	29.2	+12 41	5.2	A2V	194 v
195962	29.2	-66 52	7.7	G5V	705 713
195965	29.3	+47 53	7.0	BOV	251 257
195967	29.3	+29 11	7.5	K2III	659
195987	29.4	+41 32	7.0	G9V	253 469 475 687
195993	29.4	+17 51	7.3	K5III	38
+25°4280	29.5	+25 30	9.3	G8III	659
196018	29.6	+46 16	10.1	F7,5 - F8Ib	
				- G6,5Ib	207 v
				F8Ib-G8Ib	17 765
+40°4227	29.6	+40 58	9.0	O6f	139 257 598
				O6f+O8?+	
				O6? + O9?	251
	29.6	+40 55	10.8	O5f	115 139 251 257
196025	29.6	+06 32	6.9	B2V	495 692
	29.7	+41 00	10.5	O6f	139 251 257
196034	29.7	+25 17	8.2	K3III	659
196051	29.7	-76 32	6.0	F5IVn	457 705 714
	29.8	+27 56	10.5	F4II	672
196067	29.8	-75 42	6.0	G1V	457 705
				G1V+G5V	714
196068	29.8	-75 42	6.1	G5V	457 705
196081	29.9	-27 07	7.2	F5IV	457 705
196090	30.0	+46 49	7.8	G7III	38
				K3III	387
196094/3	30.0	+34 54	4.8	K2Ib+B	387
				K2Ib+B5V	177 112
				K3Ib	469
+37°3976	30.1	+37 56	10.2	B1,5Vn	251 257
+41°3804	30.2	+41 12	9.9	O9,5Ia	139 165 251 257 665
196133	30.3	+44 50	6.6	AOp	555
334750	30.4	+27 56	11.0	M5II	766
+45°3216	30.5	+45 19	9.1	O8	139 251 257
196171	30.5	-47 38	4.2	KOIII	449 641 645 705
196178	30.6	+46 21	5.6	B8p	26 555
+41°3807	30.6	+41 16	10.0	O6f	251 257
				O6f	139
	30.6	+29 10	11.5	F4II	672
196180	30.6	+14 20	4.7	A3V	81 194 472 714
196197	30.7	+32 10	6.8	K1II-III	
				+F2IV-V	313
196227	30.8	-76 54	7.7	G1V	465 615 705
+24°4182	31.0	+25 02	9.9	G5V	253
196245	31.0	+06 44	8.1	F4IV	38
196282	31.2	+49 25	7.3	K4III	38
196321	31.5	-02 54	5.2	K5II	53 131 203 (K4III:131)
196346	31.7	+02 08	7.6	G9III	38
196348	31.7	-15 30	6.8	K3III	253
196360	31.8	+41 32	6.5	KOIII	387
196362	31.8	+25 34	6.3	A4III	194 714 sb
196378	31.8	-60 53	5.1	F8V	465 705 714
	31.9	+25 44	11.1	F1II	672
+40°4243	32.3	+41 00	15.5	WC6	321
340667	32.3	+26 15	9.0	G1Ia-Ib-	
				G8Ia-Ib	46 v
+25°4301	32.3	+26 03	10.1	K1III	659
196448	32.4	+28 52	8.8	GOV	659
+36°4145	32.5	+37 04	9.0	O9V	139 251 257

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
196502	32.8	+74 37	5.2	A2p	368 530 174 v
				Ap	516 758
				A3IIIp	765
196504	32.8	+26 07	5.5	B9V	194
196519	32.8	-67 07	5.3	B8V	456 v
196524	32.9	+14 15	3.7	F5III	30 45 47 285 529 530 646 758 sb
				F5IV	112 714 737 106
196531	32.9	-28 47	7.9	F8V	457 705
BD Vul	33.0	+26 08	12.0	Ne	6 v
				Ne(C6 3e)	765
				Ce	259
196544	33.0	+11 02	5.4	A2V	194 714 sb
352682	33.1	+17 56	9.7	AO+(GKO)	534 v
				AOV+G5IV	104
				AOe+G5	259
196574	33.2	-01 27	4.5	G8III	53 705 714 106 sb
	33.2	+26 37	10.5	GOIb	672
+29°4110	33.4	+29 50	9.3	GOV	659
196606	33.4	+31 13	6.2	B8IV	194
196642	33.6	+37 58	6.0	KOIII	117
196643	33.6	+37 45	7.4	K5III	38 687
196662	33.7	-15 18	5.3	B6III	105 sb
	33.8	+36 30	9.7	N	6
196674	33.8	+26 43	8.0	F7IV	38
V778 Cyg	33.9	+59 44	9.5	N	6 765 v
+45°3230	33.9	+44 47	9.4	BOIII	257
196724	34.1	+20 51	4.8	AOV	81 714
				B9,5V	194
196725	34.1	+12 58	6.1	K3Ib	259 47 469 475 479
196740	34.2	+23 46	5.0	B5V	105
196755	34.3	+09 44	5.2	G5IV	53 178 253 287 469 471 475 714 106
				G5IV+dK1	391
196758	34.3	+00 08	5.4	K1III	53 469 475 714 106
196775	34.4	+15 29	6.0	B4Vn	456
196777	34.4	-18 29	5.3	M2III	645
196787	34.5	+81 05	5.2	G9III	117
196790	34.5	+39 11	8.0	F8IV	387
	34.5	+27 56	11.3	F3II	672
196795	32.3	+04 28	8.3	K5V	253 295 296 677 714
196819	34.7	+41 43	7.9	K3II	387
+26°3943	34.7	+26 20	9.7	G8V	659
196821	34.7	+21 28	5.9	AOIII	194 sb?
196829	34.7	-42 29	6.3	M3II	465 705
196852	34.9	+29 59	5.8	K2III	15
196866	35.0	+25 43	7.0	K2III	659
196867	35.0	+15 34	3.6	B8V	456 v
				B8,5V	641
				B9V	50 65 71 78 81 94 126 172 177 194 224 289 304 598 732 734
AE Aqr	35.0	-01 14	10.9	K5IV-V	121 364 v
				B+dKOe	682
196882	35.1	+21 22	8.5	K3III	253
196892	35.1	-19 08	8.2	F6V	253 462
196917	35.2	-31 57	5.8	MOIII	457 705 714
196925	35.3	+80 44	5.9	KOIII+F8V	313
196928	35.3	+27 44	8.0	K4III	659
+26°3946	35.3	+26 16	10.2	K2III	659
196940	35.4	+25 57	8.8	G8III	659
196972	35.6	+30 28	7.5	KOII	38
197020	35.9	+25 41	9.1	GOV	659
197051	36.0	-66 34	3.6	A5III	287 439 440
				A5IV	474 641 645 705 714
	36.3	+29 08	10.6	F3Ib	672
197120	36.4	+29 27	6.1	A3V	194 sb?
+47°3162	36.7	+47 44	9.8	B1Ib-II	251 257 486
197167	36.9	+45 12	8.0	B8III	560
+45°3238	37.0	+45 15	9.5	F7V	560
197178	37.0	+31 57	5.8	G8II	313
197206	37.2	+30 54	7.4	K1IV	38
197207	37.2	+29 49	8.8	G5V	659
197214	37.2	-29 47	6.9	G5V	457 705 714
197226	37.3	+38 43	6.4	B6IV	194 687
197227	37.3	+28 58	9.0	F7IV	659

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
197249	37.4	+17 11	6.1	G8III	117 714
197263	37.5	+27 55	8.2	GOV	659
197264	37.5	+26 45	8.5	KOIII	659
+45°3239	37.6	+45 25	8.7	B6III	560
197291	37.7	+43 59	8.2	AOV	560
197315	37.8	+02 38	8.3	F4V	38
197345	38.0	+44 55	1.3	A2I	22 v
				A2Ia	30 42 65 81 126 131
					153 177 251 399 469
					529 530 641 645 734
					738 758 151
+47°3167	38.1	+47 48	6.6	Ne	6 v
				Npe(C74e)	765
				C74e	259
197374	38.2	+43 28	8.5	F9p	26 555
				F9V	560
197376	38.2	+41 39	8.1	F5II	51
				F7IV-V	384
197391	38.3	+44 17	9.1	B8V	560
197395	38.3	+29 54	8.4	K2III	659
197406	38.4	+52 14	10.0	WR?	257
				WN5	85 321
+45°3242	38.4	+45 39	8.8	B5V	560
197416	38.4	-60 39	8.6	F8V	457 705
197419	38.5	+35 05	6.5	B2Ve	599 765 v
197433	38.6	+75 14	7.6	KOV	125 v
+45°3243	38.6	+46 01	9.0	F2IV	560
+42°3835	38.6	+42 49	9.2	O9p?	139 251 257
197460	38.8	+36 02	8.6	BO,5Ib	135 251 257 486 135
				WN	48
				WN-Of	339
197461	38.8	+14 43	4.5	A5III	641 v sb
				A7III	112 714 737 765
				F2pIV	426
				F2III	474
				F2IV	381
+46°3014	38.9	+46 50	8.5	F5II	51
				F7pV	384
+33°3998	38.9	+33 45	10.3	F4II	672
197481	38.9	-31 42	8.6	MOVe	519 705 713
197484	38.9	-43 19	9.5	G2V	457 705
197488	39.0	+45 29	7.6	GOIV	15
				G2V	560
197489	39.0	+25 28	7.0	A7II	672
197511	39.1	+49 59	5.4	B2V	105
+45°3246	39.1	+45 32	9.7	B1Vn	257
197515	39.1	+25 15	7.3	K5III	659
197550	39.3	+29 51	8.6	KOIII	659
+31°4201	39.4	+31 46	9.2	N	6 v
				N3	765
197572	39.5	+35 14	6.4	F7I	672 v sb
				F7Ib-G8Ib	17 259 765
				F7Ib-G9Ib:	207
197577	39.5	-08 21	8.0	G2III	38
+45°3247	39.7	+45 28	9.3	B9V	560
197604	39.7	+34 43	9.2	R2	308
				R4	6
197605	39.7	+27 06	8.6	F5II	659
197621	39.8	+44 34	9.3	B9,5V	560
	39.8	+34 55	12.0	F4II	672
+45°3249	40.0	+45 31	9.8	F5V	560
+44°3554	40.0	+44 35	8.9	G8III	560
197678	40.2	+44 18	8.7	AOIV	560
197717	40.4	+45 58	7.2	KOIV	560
	40.6	+31 24	11.2	B9II	672
197752	40.6	+24 55	5.1	KOIII	15
				K2III	253 533 469 475 714
197770	40.7	+56 46	6.4	B2IV	131 197 257 486
+43°3701	40.9	+43 36	8.7	B9V	560
197812	40.9	+17 44	6.6	M5II	282 v
				M5II-III	2 765
197900	41.5	-44 34	6.5	K1IV	457 471 705
197912	41.5	+30 21	4.3	KOIII	53 469 475 687 758 106
+45°3256	41.7	+45 23	8.8	B8V	560
197937	41.7	-44 22	5.1	F1V	457 705
+43°3708	41.8	+44 01	9.5	AOIV	560

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
197961	42.0	+46 00	6.6	A1IV	560
197963/4	42.0	+15 46	6.2	F8IV-V	66 188 391
				K1IV+F7V	313 714 108:K2IV+F8IV
				A2Ia+A2Ia	65 66 299
235350	42.1	+50 51	9.0	BO,5IV	486
+45°3259	42.1	+45 23	9.5	A2V	560
	42.1	+25 43	10.6	A4Ib	672
197976	42.1	+18 25	8.3	FOIII	38
+45°3260	42.2	+45 58	9.1	O9V	139 251 257
				B3II	560
197989	42.2	+33 36	2.6	KOIII	53 65 71 101 131
					145 156 178 203 259
					287 299 315 469 475
					479 535 641 653 687
					665 714 725 758 106
				KOIII+dM4	391 sb
235350	42.3	+50 49	9.3	BO,5IV	251 257 486
+35°4258	42.3	+35 11	9.4	BO,5Vn	251 257
198001	42.3	-09 52	3.8	A1V	33 65 71 78 81 94
					126 152 287 468 472
					529 530 596 641 645
					705 714
198009	42.3	-47 01	7.8	KOIII-IV	465 705
198025	42.5	+01 29	7.3	K4III	38
+45°3264	42.5	+45 25	9.0	B8III	560
+44°3569	42.5	+44 26	8.6	A7V	560
198026	42.5	-05 24	4.5	M3III	282 641 646 v
+44°3571	42.6	+44 56	11.2	F7Ib-G4Ib:	207 v
				F8Ib-G5Ib	17 765
+44°3570	42.6	+44 26	9.3	F2III	560
+37°4048	42.6	+37 44	10.6	B9II	672
+46°3039	42.7	+46 33	9.6	FOV	560
+11°4381	42.7	+12 06	9.4	A7III-F8III	766
198063	42.7	-18 35	6.7	G9III+KOIII	313 714
+45°3267	42.8	+45 50	10.0	BOV	560
+39°4313	42.8	+39 34	10.6	A9Ia	672
198075	42.8	-12 49	8.0	G3V	38
198084	42.9	+57 13	4.5	F8IV	45 97 287 362 653
					665 156
				F8IV-V	112 299 714 106
				F8V	535 101
				GOIV	15
+34°4152	43.0	+34 14	10.0	AOIb	672
+44°3574	43.1	+45 09	9.0	FOIII	560
198134	43.2	+34 00	5.2	K3III	53 469 475 535 765 106v
198140	43.2	-19 24	10.3	R1	6
198149	43.3	+61 27	3.4	KOIII-IV	53 131
				KOIV	41 62 65 145 156 101 106
					178 253 259 287 288
					296 299 362 469 475
					479 535 653 665 677
					687 714 725 726 758
198151	43.3	+46 10	6.3	A3V	560
198164	43.4	+45 41	8.8	M2p	765 v
+44°3576	43.4	+44 56	10.3	F5V	560
+43°3715	43.4	+43 33	9.0	A7V	560
198174	43.4	-26 09	5.7	B6V	456
198182	43.5	+46 45	7.9	A1V	560
198183	43.5	+36 07	4.5	B5V	50 105 224 687 719
				B6IV	584 sb
				B6IVe	729
198188	43.5	-20 59	8.0	GOV	38
198198	43.6	+29 16	8.0	G8III	659
198212	43.7	+45 49	8.9	A1V	560
198236	43.9	+69 23	6.3	G8III	117
198237	43.9	+45 13	6.7	K3III	560
198238	43.9	+26 02	8.0	K5III	659
+46°3071	44.0	+46 35	9.7	FOIV	560
198254	44.0	+28 10	7.7	K1III	659
+44°3579	44.1	+45 07	9.8	B5V	560
+44°4157	44.1	+34 50	10.2	F3II	672
198269	44.1	+17 29	8.2	HO	308
198273	44.1	-09 01	8.4	G2V	253 658
+45°3279	44.2	+45 18	9.5	B6V	560
198287/8	44.2	+38 55	7.7	A5Iab	672 v
				A7Ia	125

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
				A7pevIa	765
				F2pe	259
+44°3581	44.3	+44 30	9.1	A7V	560
+44°3582	44.3	+44 24	8.5	F0nIII	390
				F0IV	560
198313	44.4	+28 26	8.4	K1IV	659
198330	44.5	+30 25	7.4	K4III	38
198345	44.6	+47 28	5.6	K5III	15 387
+44°3588	44.7	+45 00	9.1	A0V	560
+43°3728	44.8	+43 42	10.0	K2V	560
198414	45.1	+45 05	7.5	B7III	560 v
+44°3592	45.2	+44 54	9.6	A7V	560
+43°3729	45.2	+43 57	10.0	G8III	560
+32°3954	45.2	+32 51	9.2	N	6
+44°3593	45.3	+44 51	10.3	F6IV	560
198478	45.5	+45 45	4.9	B3I	758 v
				B3Ia	42 48 50 65 105 131 135 172 173 177 251 257 306 399 418 529 530 531 584 665 687 719 729 728 697
198479	45.5	+45 16	8.6	B1III	251 257 687
				B3V	560
198482	45.5	+30 16	7.9	K2III	659
198483	45.5	+25 24	7.9	G0V	659
	45.6	+45 11	10.3	A7V	560
+43°3730	45.6	+43 50	9.4	A9III	560
+43°3731	45.6	+43 32	9.3	A3V	560
198501	45.6	-28 22	6.8	Am	422
198512	45.7	+53 32	8.3	B1Vpnne	251 257
+44°3594	45.8	+45 03	9.8	B0e	28
				B1:V:pne	251 257
198526	45.8	+28 37	8.0	K1III	659
+35°4285	45.9	+35 17	9.2	F6Ib	672
198542	45.9	-27 18	4.1	K5III	472 714 27
				M1III	645
+43°3733	46.0	+43 41	9.3	G5III	560
198550	46.0	+29 01	8.6	K5V	659
198552	46.0	+17 40	6.5	A1V	194
198569	46.1	+06 01	7.9	K1III+K0III	313
+28°3902	46.3	+28 20	9.7	K0III	659
198624	46.5	+49 45	6.8	M4II-III + F7V:	313
198625	46.5	+46 17	6.5	A1V	560
+43°3738	46.5	+44 05	9.9	F3V	560
+46°3068	46.6	+46 41	9.3	A0V	560
+44°3596	46.6	+44 59	9.4	G5III	560
+29°4202	46.6	+29 26	8.8	A0p	26 555
198681	46.9	+45 02	12.9	N	6 765 v
198700	47.0	-58 50	3.7	K0III	641 645 705 714
	47.1	+38 54	11.2	B8II	672
198726	47.2	+27 52	5.8	F5Ib	15 v sb
				F5Ib-G0Ib	765
				F5Ib-F9,5Ib	207
+45°3300	47.3	+45 50	10.3	A0V	560
198743	47.3	-09 22	4.8	Am	25 112 289 472 516 555 645 714 sb
198781	47.6	+63 40	6.4	B0,5V	131 251 257
+45°3303	47.6	+45 40	9.2	A0Ib	560
				B9p	26 555
+44°3625	47.6	+45 09	10.1	F2V	560
+44°3600	47.6	+44 20	9.2	F3V	560
198794	47.7	+47 39	7.2	K3Ib	564
	47.7	+47 08	9.2	A1V	564
198797	47.7	+39 01	8.0	F2I:	51
				F5III	384
	47.7	+32 31	11.5	F4II	672
198809	47.8	+26 43	4.8	G5III	15
				G8III	53 299 469 475 714 106
+46°3076	47.9	+46 15	9.4	A7V	560
+44°3602	47.9	+44 40	10.1	K2II	560
198820	47.9	+32 28	6.4	B3III	251 486
198821	47.9	+28 30	8.0	K2III	659
198828	47.9	-46 58	7.4	F8V	457 705 714
+44°3604	48.0	+44 58	9.0	A0V	560
+47°3201	48.1	+47 24	8.8	B5Ib	665

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
198846	48.1	+34 17	7.2	B0IV	76 131 251 729 v sb
				B0IV+B0IV	765
				B0V	125
198858	48.2	+47 20	7.5	K1III	560
	48.2	+45 39	10.5	B0,5nV	257
198861	48.2	+10 36	8.1	F7IV	38
198864	48.2	+02 05	8.9	O8,5	532
+46°3079	48.3	+46 11	10.2	A1V	665
198895	48.4	+55 07	8.3	B1V	74 251 257 598
+47°3204	48.5	+47 12	9.2	A3V	564
198915	48.5	+46 21	7.3	B4V	665
				B6IV	560
				B6V	564
198931	48.6	+44 03	8.7	B0e	28
				B0V	560
				B1Vnne:	251 257 687
198969	48.8	-65 19	7.8	K0IV	705 713
199006	49.1	+46 05	9.3	A0V	560
+45°3310	49.3	+45 44	9.1	G8V	560
+44°3613	49.3	+44 21	9.6	F7IV	560
199069	49.6	+45 06	8.3	A3III	560
+47°3211	49.7	+47 33	9.8	B0II-III	251 257
199081	49.7	+44 00	4.7	B3IV	531 v sb
				B5V	105 131 486 719 728 729 732
199098	49.8	+44 48	5.6	G8III	15
				K0II	560
+37°4092	49.8	+37 48	9.7	B1III	251 257
199100	49.8	+35 46	8.0	G5IV-V	387
	49.8	+07 43	10.3	R2	308
199120	50.0	+58 16	7.6	G7II-III	38
199121	50.0	+45 39	9.0	B8V	564 665
				B9V	560
199137	50.1	+45 00	8.5	G8III	560 v
199138	50.1	+44 48	8.3	A1V	560
199140	50.1	+28 08	6.4	B2III	102 197 251 347 350 352 360 765 v
199154	50.2	+47 53	7.5	A5IV	564
+45°3319	50.2	+45 53	10.0	A0V	665
	50.2	+34 31	11.9	F4II	672
199166	50.3	+45 37	8.1	G0V	560
199169	50.3	+27 41	5.2	K4III	53 469 475 714 106
				K5III	15
199178	50.4	+44 00	7.6	G2V	560
				G5IV	15
199190	50.4	-69 57	6.9	G5IV	465 471 705
199191	50.5	+54 08	7.2	G8III	469 475
				G8III+	62
				K0III	185 253 714
+45°3323	50.6	+45 11	10.0	F5V	560
199206	50.6	+44 44	7.4	B8II	560
199216	50.7	+49 09	7.1	B1II	131 135 141 251 257 399 486 531 687
199217	50.7	+48 03	7.8	A0V	564
				B9,5V	665
+46°3094	50.7	+46 40	9.5	B9V	560
+47°3218	50.9	+48 00	9.1	G0V	564
+46°3097	50.9	+46 19	9.4	A0III	665
				B9,5III	560
199253	50.9	+13 21	5.4	K0III	53 469 475 714 106
199254	50.9	+12 12	5.5	A4V	194
+44°3626	51.0	+44 58	9.3	A0V	560
199288	51.1	-44 29	6.5	G0V	457 705 714
199290	51.2	+48 33	8.1	Am	181 559 665
				F2Ib	564
199305	51.3	+61 49	8.5	M2V	10
199309	51.3	+47 22	9.0	B7IV	665
				B8V	564
199310	51.3	+46 53	8.6	G8III	665
				G8V	564
199311	51.3	+45 51	6.7	Am	181 559
				A2V	564
				A3Ib	560
199312	51.3	+44 45	8.5	A0Ib:	181
				A0V	560
+44°3627	51.3	+44 28	9.8	B3V	257

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
199356	51.6	+39 55	7.0	B0p	48
				B2IV:	257
199373	51.7	+43 24	7.6	F5V	560
199375	51.7	+27 12	6.8	K2III	659
199378/9	51.7	-14 27	7.5	G0IV:	38
199394	51.8	+45 58	7.1	G5II	564
				G5III	665
				G8II	560
199395	51.8	+42 59	7.0	K4III	387
199396	51.8	+39 14	8.6	F3nIII-IV	387
199415	51.9	+47 06	8.9	A0IV	665
				B8V	564
199416	51.9	+44 54	8.5	A1V	560
199417	51.9	+44 28	9.3	B9V	560
+47°3222	52.1	+47 17	8.8	F0III	665
199439	52.1	+47 05	9.0	F0III	665
199440	52.1	+27 07	8.0	K1III	659
199443	52.1	-16 25	5.9	Am	555 645
				A5IIIp	456 460
199454	52.2	+04 42	8.2	B8V	125 765 ▼
199476	52.4	+74 23	7.9	G8V	253 296 714
199478	52.4	+47 02	5.8	B8Ia	131 251 257 399 584 598 687
				B9Ia	734
199479	52.4	+43 59	6.7	B9V	560
199493	52.5	+46 42	7.8	G8IV	564
199523	52.6	-12 21	7.5	G7III	38
199532	52.6	-77 24	5.2	F4III	641 645 sb
				F4III+F5III	312 517
				F5III	714
				F5IIIp	456
+44°3637	52.7	+44 25	9.1	B9,5V	560
+42°3914	52.7	+42 44	8.4	B0III:	251 257 687
199547	52.8	+43 31	7.1	K0III	560
	52.8	+38 02	12.3	(B8III)	672
+48°3248	52.8	+48 18	9.8	G5III	665
				K0III	564
+36°4330	52.8	+36 58	9.3	B9II	672
+47°3237	53.0	+47 27	9.3	B5IV	665
+37°4115	53.0	+37 10	9.2	F4II	672
335357	53.0	+28 56	10.5	B7,8	98 ▼
199579	53.1	+44 33	6.0	O6	48 76 131 139 251 257 531 595 598 687 728 732 sb
				O6(f)	729
199580	53.1	+42 30	7.9	K0III-IV	387
				K1IV	253 469 475 687 714
199596	53.2	+46 48	8.9	A1V	665
				A2V	564
+45°3338	53.2	+45 44	9.5	A2V	560
+45°3339	53.2	+45 58	9.9	B1IV	257
199598	53.2	+26 01	6.9	G0V	659
199612	53.3	+48 48	6.0	G8II-III	387 469
				G8III	564
199623	53.3	-51 39	5.8	F6V	456 460
199627	53.4	+45 56	8.6	Am	181 559
				A5IV	564
				A7V	560
199629	53.4	+40 47	4.0	A0V	81 732
199662	53.6	+47 11	8.1	A0IV	665
				A1V	564
+45°3341	53.6	+46 09	8.7	B1II	251 257 560 687
+44°3644	53.6	+44 41	9.4	F8V	560
+45°3343	53.8	+45 34	9.7	F6V	560
199714	53.9	+47 54	8.5	B8Ib	564
				B8II	665
199715	53.9	+46 07	8.6	A4V	560
				A8V	564
199717	53.9	+28 53	8.4	K0III	659
199728	53.9	-19 26	6.2	A0p	555
+45°3345	54.0	+45 43	9.8	F0II	560
199761	54.1	+46 48	8.1	F2II	564
				F4III	38 687
199763	54.1	+30 00	6.6	G9III	659
199766	54.1	+03 55	5.3	F5III	45 sb
				F5IV w	714 106
+44°3646	54.2	+45 06	8.8	A5Ib	560

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
+30°4259	54.2	+30 14	9.9	G0IV	659
199781	54.3	+45 37	8.5	F2Ib	564
				F3III	665
				F3V	560
+46°3122	54.5	+46 45	10.0	G8Ib	665
+45°3349	54.5	+46 05	8.1	M2Ia	2 765 ▼
+44°3655	54.8	+44 45	9.2	B1IV	251 257 687
199870	54.8	+44 04	5.8	G8III	15
199871	54.8	+40 58	7.7	M0III	387
199889	54.9	+48 22	8.3	B8V	564 665
199980	54.9	+47 13	7.2	B8IV	665
				B5V	564
199891	54.9	+46 12	7.7	F6V	564
199908	55.0	+5. 06	7.4	F1IV-V	297 765 ▼
				F2II	705 343
				F4III	373 426
+46°3126	55.0	+46 46	9.3	F3IV	564
199909	55.0	+46 26	8.7	A3V	665
				A5V	564
199951	55.2	-32 39	4.7	G4III	645
199960	55.3	-05 07	6.3	G1V	645
199986	55.5	+45 52	7.1	A5V	564
199998	55.6	+47 15	8.5	K0II	665
				K2III	564
200011	55.6	-42 23	6.6	G3IV	457 705
				G3IV+K0IV	313 714
+48°3259	55.7	+48 29	9.5	A1V	564
				A2V	665
200018	55.7	+46 03	8.2	K0III	665
				K0IV	564
+28°3960	55.7	+28 53	9.8	F8V	659
200026	55.7	-43 23	6.9	K0IV	457 471 705
200031	55.8	+38 25	6.7	G2Ib:	51
				G5III+A	384
200041	55.9	+47 55	9.1	B7V	665
200043	55.9	+32 06	7.2	M3III	38
+46°3129	56.0	+46 58	9.0	B8III	665
200089	56.2	+46 25	8.5	A5III	564
+46°3130	56.3	+47 09	9.0	A0V	564
				B9V	665
200102	56.3	+44 36	6.8	G1Ib	384 469
				G2Ib,G2II	51
200120	56.4	+47 08	4.9	(O9V)	531 732 ▼
				(B0p)	530
				B1IV:e	131 197 251 687 729 766
+42°3935	56.4	+42 12	10.4	F5,5Ib - G5Ib:	207 ▼
				F5Ib-G6Ib	17 765
200177	56.8	+48 17	7.1	B9p	26 551 555
+45°3360	57.0	+45 51	10.0	B3V	251 257
+47°3250	57.2	+48 07	8.9	G5II	665
200252	57.3	+46 42	9.3	A0V	564 665
+47°3253	57.4	+47 37	10.0	A0V	564
200269	57.4	+46 11	7.7	B5V	564
				B6III	665
+26°4051	57.4	+26 50	9.8	G0IV-V	659
200272	57.4	+15 05	9.3	F2III	100
+47°3253	57.6	+47 37	9.0	A1IV	665
200310	57.6	+45 46	5.2	B1V	106 251 486 687 732
				(B3)V	584 sb
200311	57.6	+43 19	7.9	B9p	26 555
200334	57.7	-46 39	7.0	G3IV	711
200361	57.9	-44 51	9.3	G5V	465 615 705
200369	58.0	+46 48	8.9	A0p	26 555
				B8V	564 665
+48°3267	58.1	+48 11	9.7	A5V	564
200391	58.1	+27 24	7.2	G0III	659 ▼
				G0V+G5V	765
200405	58.2	+47 31	8.6	Am	555
				A2p	551
200406	58.2	+47 06	7.7	F5II	51
				G0V	564
				K2III+F	384
200407	58.2	+43 47	6.7	Am	26
200425	58.3	+25 46	8.4	F8V	659
200430	58.3	+14 20	6.4	M1III	100

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	20h				
200448	58.4	+47 25	8.0	K1II	665
200449	58.4	+46 10	8.8	G8III	564 665
200451	58.4	+26 06	7.4	K5III	659
				M0III	38
200452	58.4	+14 11	9.1	F2V	100
200465	58.5	+39 06	6.5	K3II-III	
				+ A1V	313
200477	58.6	+47 13	7.9	G8IV	564
200478	58.6	+46 37	7.7	A1IV	564 665
	58.7	+39 07	11.2	B7II	672
200491	58.7	+28 35	9.0	G8III	659
200493	58.7	+14 57	9.1	A3p	100
+47°3265	58.8	+47 24	8.4	K0III	665
200508	58.8	+46 18	8.8	K0V	564
200525	58.8	-73 34	5.7	G3IV	465 705 714
				G3V	717
200527	58.9	+44 25	6.4	M3Ib-II:	387
200531	58.9	+34 38	8.2	F3V	38
200546	59.0	+26 56	7.2	M2III	659
200547	59.0	+15 07	9.0	K5III	100
200553	59.0	-43 55	7.2	G8IV	465 471 705
200576	59.2	+47 39	7.0	K5Ib	564 665
200578	59.2	+28 43	6.8	G8III	117 659
200580	59.2	+02 36	8.1	F8V	38
				F9V	253 714
+45°3375	59.3	+45 56	8.9	A1Ib	665
+15°4322	59.3	+15 19		G8V	100
200615	59.4	+48 08	8.0	B8V	564 665
200655	59.6	-60 23	6.8	G5IV	705 713 714
200657	59.7	+48 39	8.9	A5V	564
+46°3155	59.7	+46 47	9.0	A0V	665
				B9V	564
200679	59.8	+25 59	8.2	K1III	659
	21h				
200709	00.0	+45 24	9.0	B8V	665
+46°3157	00.1	+46 36	9.0	B9,5IV	665
				B9V	564
200739	00.2	+50 25	8.0	Am	181 559
+47°3272	00.2	+48 05	9.6	B8V	564
200753	00.3	+46 29	6.3	F2III	665
				F2V	564
200761	00.3	-17 38	4.1	A0V	472 641 645 705 714
200776	00.4	+45 56	7.8	B1IV:p	251 257 687
				B2III	564
				B2IV	665
+39°4423	00.4	+39 34	10.1	F5,5Ib -	
				G0,5Ib	207 v
				F6Ib-G1Ib	17 765
				G0I	672
200804	00.6	+48 51	8.3	B3IV	564
200805	00.6	+44 45	8.2	F5Ib	390 399
RV Aqr	00.7	-00 36	8.7	Ce	259 v
				Ne	6
200839	00.9	+47 42	8.5	K0III	665
				K0V	564
200857	01.0	+54 51	7.2	B3III	74 131 251 257 531v
200858	01.0	+45 39	8.1	G8III	564 665
200877	01.1	+14 56	6.6	F5III	100
200894	01.2	+15 25	8.7	A5p	100
200905	01.3	+43 32	4.1	K5Ib	8 15 42 47 65 71
					131 145 203 259 399
					469 475 479 535 687
					758 v sb
200914	01.3	-25 24	4.6	M1III	645
200925	01.4	+50 24	8.2	F5III	38 687
200927	01.4	+48 39	8.1	B6V	665
	01.4	+47 33	10.5	B1Vnne	257
200944	01.5	+47 28	8.9	B9,5V	665
				B9V	564
200945	01.5	+46 45	8.5	K2Ib	564 665
+45°3395	01.6	+46 09	8.4	K2Ib	665
+45°3394	01.6	+45 39	9.2	A2Ib	665
+28°3986	01.7	+29 00	8.9	M9ep	765 v
200985	01.7	+14 43	9.6	K2III	100
+45°3398	01.8	+45 23	9.1	A4III	665

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	21h				
201006	01.8	+15 36	8.7	K5III	100
+14°4533	01.8	+15 06		G5V	100
201033	02.0	+55 11	7.7	Am	181 559
201049	02.1	+48 18	8.9	B8IV	564 665
201065	02.2	+46 34	8.2	K2(Ib)	564
				K5Ib	387
201076	02.3	+47 24	7.7	A0IV	665
				A0V	564
201078	02.3	+30 47	6.0	F5,5Ib-II-	
				F7,5Ib-II	207 v
				F5,5I-II-	
				F7I-II	17 765
				F8Iab	672
+46°3178	02.4	+47 11	9.5	A1V	665
201089	02.4	+45 19	8.5	B9,5V	665
201091	02.4	+38 15	5.2	K5V	62 65 66 67 71 101 106
					129 131 145 156 177
					178 203 253 259 285
					288 295 296 370 459
					469 475 479 514 535
					653 665 677 714 725
					726 758
201092/1	02.4	+38 15	6.0	K7V	62 65 66 67 71 129
					131 145 156 158 177
					178 203 253 259 285
					288 295 296 459 469
					479 514 653 665 677
					714
201094	02.4	+26 08	8.1	K2II	659
201114	02.5	+47 39	7.5	B9V	564 665
201118	02.5	+15 00	8.4	F2III	100
+29°4315	02.6	+30 03	9.9	K0III	659
201174	02.8	+44 52	8.5	A0p	26 555
201184	02.8	-21 36	5.2	A0V	456
201187	02.8	-44 12	10.0	F5V	705 713
201196	02.9	+15 16	6.5	K2IV	100
+45°3406	03.0	+45 27	9.5	B5Iab	257
201245	03.1	-44 37	6.5	K1III	465 705
201250	03.2	+48 14	8.7	B7IV	665
				B8V	564
201251	03.2	+47 15	4.9	K3Ib	665 v
				K4II	53 203 469 475 479
					687
				K5Ib	564
201254	03.2	+14 16	6.9	B3V	495 692
201269	03.3	+47 47	7.5	B9V	564 665
201271	03.3	+45 17	7.7	F4V	564
+45°3414	03.5	+45 53	9.2	B7V	665
+29°4320	03.5	+29 58	9.4	G0V	659
201320	03.7	+47 20	7.1	A0V	564 665
+45°3417	03.9	+45 20	9.3	A6III	665
201345	03.9	+33 00	7.8	09p	251
201346	03.9	+28 14	8.6	K1IV	659
201359	04.0	+46 53	7.8	B8V	564
				B9V	665
201371	04.0	-70 32	5.1	M2III	645
201381	04.1	-11 47	4.5	G8III	53 645 714 106
201396	04.2	+46 54	8.3	A3V	564
201416	04.3	+48 27	8.1	G5III	665
201455	04.6	+46 02	8.8	K0II	665
				K0III	564
201456	04.6	+43 21	7.9	F8V	387
201490	04.9	+29 58	8.6	F7V	659
+47°3302	05.0	+47 16	10.5	B2Pne(V)	257
201522	05.1	+46 51	7.8	B0V	564
				B7IV	665
201525	05.1	+22 32	8.0	F7IV	38
201601	05.5	+09 44	4.8	A7p	174 555 v
				F0p	299 530 714 758 112 287
				F0pV	131
				F0IIIp	97
201638	05.8	+35 05	8.7	B0,5Ib	47
201647	05.8	-40 40	5.8	F7V	705 713 714
201669	06.0	+26 53	7.8	G8III	117 659
201700	06.2	+46 00	8.1	B3IV	47
201795	06.8	+38 33	7.8	B1V	74 251

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	21h				
201819	07.0	+35 53	6.4	B1Vp	74 131 251 399 486 531
201860	07.2	+25 55	8.6	G0V	659
201870	07.3	+45 42	8.3	Am	181 559
201889	07.4	+23 45	8.0	G1V	253 714
201891	07.4	+17 21	7.4	F9VI	253 296 462 714
201901	07.4	-28 02	5.6	K5III	645
201910	07.5	+40 47	7.3	B5V	599
+44°3731	07.8	+45 05	9.5	B5III	257
202103	08.6	-53 41	5.7	A5III	456 641 645 714
				A7V	465 705 714
202109	08.7	+29 49	3.4	G8II	42 131 145 178 259 299 399 469 475 479 641 646 758 106 sb
202123	08.8	+73 18	8.8	K1V	253 296
202124	08.8	+44 07	7.8	09,5Ib	135 139 141 251 257 687
202214	09.3	+59 35	5.6	09	532
				B0II	665
				B0V	74 76 251 257 728 729 732
202236	09.4	+53 29	8.1	Am	181 559
202240	09.4	+36 13	6.0	A7II	672
202253	09.5	+43 28	7.8	B2III	251 257 687
202275	09.6	+09 36	4.6	F7V	112 299 726 sb
				F8V	45 156 287 295 653 665 714
202312	09.9	+44 45	7.6	G5II-III	387
202314	09.9	+29 29	6.2	G2Ib	390
	10.1	+48 00	10.4	B2ne(V)	257
202347	10.1	+45 12	7.5	B1V	251 687
202349	10.1	+37 21	7.3	B0,5V	74 251
202365	10.2	+27 45	9.0	K0III	659
Z Mic	10.4	-30 42	11.2	F5II	211 v
202444	10.8	+37 37	3.8	F0IV	112 299 714 726 v
				F2III	269 276 (F0n:287)
202447/8	10.8	+04 50	4.1	G0III+A5V	177 112 sb
202457	10.8	-61 46	6.6	G5V	457 705 714
+41°4049	10.9	+41 18	10.6	F5Ib-G1Ib	17 765 v
				F5,5Ib-G0Ib	207
202521	11.3	+27 35	8.1	K2III	659
202560	11.5	-39 15	6.7	M0V	457 519 677 705 714
202573	11.6	+25 01	7.1	G5V:	659
202627	11.9	-32 35	4.7	A2p	456 705 641
				A2V	645
202628	11.9	-43 45	6.7	G5V	465 635 705
+41°4064	12.3	+42 07	9.0	B3:pnn	257
				B3:pnnshell	251
202710	12.6	+43 49	6.6	K0III+F	387
202712	12.6	+22 05	8.2	F4IV	38
202730	12.7	-53 52	4.4	A5V	472 705
202783	13.1	-12 41	8.0	F7V	38
202850	13.5	+38 59	4.3	O9Iab	172 v vb
				B9Ia	42 81 194 529 530 641 734 758 27
				B9Iab	74 153 126 251 399 486 598 665 738
202851	13.5	-01 57	9.6	R2	308
202874	13.6	-45 27	7.2	N	6 765 v
202904	13.8	+34 29	4.4	B2V	719 sb
				B2Ve	105 486 699 729
				B3V	584
				B3Ve	641
202940	14.0	-26 46	6.5	G5V	711
+2°4338	14.1	+02 47	9.8	R1	6
				R2	308
202987	14.3	+55 22	6.2	K3III	387
203006	14.4	+41 14	4.9	Ap	516
				A2p	174 641 646
				A2V	555 645 705
203025	14.6	+58 10	6.4	B2III	74 197 251 728 729 732
203030	14.6	+25 49	7.3	G8V	659
203064	14.8	+43 31	5.1	O7	530 531
				O7V	665
				O7,5(II)	700
				O8	71 131 135 251 379 507 599 728
				O8f	729 735
203133	15.2	-70 10	6.7	N	765 v
				Na	287
203135	15.3	+53 45	7.4	K3II-III	38
203140	15.3	+12 33	7.3	M0III	38
203171	15.5	+27 04	9.0	G0V	659
203206	15.7	+21 37	6.2	B7IV	194
203245	16.0	+49 06	5.8	B6V	598
203280	16.2	+62 10	2.6	A7IV-V	725 734 65
				A7V	22 126 529 530 665 758
				A7V-IV	71 112 131 177 287 598 677 687
				A7IV-V	288 299
203288	16.2	+25 49	7.7	K5III	659
+29°4386	16.3	+29 42	9.6	K1III	659
203338/9	16.5	+58 13	5.8	M1epIb+B + B3V	391 v
				M1epIb+B	259
				M1epIb+B2 + B3V	313
+66°1384	16.6	+66 19	9.0	A2p	555
203344	16.6	+23 27	5.8	K0III-IV	253 469 475
				K1III	62
203358	16.6	+32 02	6.3	G8IV-V	117 469
				G8IV-+G5IV	313
203374	16.7	+61 25	6.6	B0IVp	531
				B0IVpe	74 131 197 251
203378	16.7	+55 01	7.2	M6III	38
203387	16.7	-17 16	4.3	G8III	53 645 705 106
+29°4391	16.8	+29 51	9.8	K2III	659
203416	16.9	+48 55	8.3	M5II+F5IV:	313
203439	17.1	+32 11	6.0	A2V	194 sb
203448	17.1	-31 15	7.9	G0IV	457 705
203454	17.1	+39 55	6.4	F8V	458 27 sb
203467	17.3	+64 27	5.2	B3V	106 584 sb
203471	17.3	+28 08	8.2	G5V	659
203504	17.5	+19 23	4.2	K1III	53 67 71 101 106 156 391 469 535 653
203504	17.5	+19 23	9.1	K0V	391
				K1III	65 66 253 475 646
203585	18.6	-41 26	5.9	A0p	555
				A0np	705
203600	18.2	+62 06	8.0	F5IV	38
203608	18.2	-65 49	4.2	F5V	456 460 714 v
				F6V	287 288 296 440 641 646 665
				F8V	457 463 677 705 725
+30°4415	18.4	+30 15	9.5	K0III	659
203630	18.4	+29 53	6.0	K1III	117
+41°4114	18.6	+41 58	8.5	N	6 v
				N(C6o)	765
203664	18.6	+09 30	8.3	B2Vn	217
203696	18.8	+38 12	6.4	A2V	194
203705	18.8	-13 19	5.5	A9III	456 460 641 645 v
203712	18.9	+40 30	7.3	M7III	38
203733	19.0	+29 22	8.0	K0III	117
				K1III	659
203760	19.1	-55 06	6.2	F0III	456 641 645 v
203819	19.5	+53 48	7.8	A0p	181 559
203842	19.6	+09 44	6.3	F5III	253
203844	19.6	-08 37	8.0	G1V	38
203850	19.6	-56 34	8.6	K3V	465 705
203858	19.7	+24 53	6.2	A2V	194 sb
203886	19.9	+24 06	6.3	K0III	117
203918	20.1	+50 04	8.2	F8II	51
				G0IV	313
				K2III+F	384
203921	20.1	+35 59	9.0	B9III	642
203938	20.2	+46 44	7.1	B0,5IV	131 135 141 251 257 687
203985	20.4	-45 15	7.4	F0V	457 615 577 705
204018	20.6	-42 59	5.6	Am	422 555

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	21h				
204022	20.7	+50 01	7.8	GOIb	51 384 399
204037	20.8	+52 01	8.3	AOp	181 559
204050	20.9	+43 51	8.1	K1II-III	387
204075	21.0	-22 51	3.9	G2IIp	342 sb
				Gp	259
				G4Ib	178 303 439 455 705
				G4Ibp	131 399
				G4Ib?	758
				G5p	641 645 646
204079	21.1	+26 46	8.4	K1V	659
+43°3913	21.3	+44 01	8.9	B1,5V:pnne	251 257
				B3ne	3
204116	21.4	+54 57	8.0	B1Ve	74 251 598
204129	21.5	+79 56	7.3	F6V	253
253513	21.6	+50 56	9.0	F6II	387
204171	21.7	+45 38	8.1	K0III	387
204172	21.7	+36 14	5.8	B0Ib	50 131 251 306 399
					455 486 529 530 531
					598 665 728 729
	21.8	+54 34	14.7	K1III	65
204388	23.1	+27 27	8.0	K5III	659
204403	23.3	+36 41	5.2	B3V	105 sb
204411	23.3	+48 24	5.3	Ap	516 v
				F0(p)	555
204414	23.3	+27 11	5.4	A1V	194 714
204539	24.2	+25 59	7.6	K3III	659
204540	24.2	+25 31	6.8	K2III	659
204587	24.5	-12 56	9.2	M0V	253 296 677 714
204642	24.9	+28 09	6.8	K2III	659
+47°3421	25.0	+47 37	9.5	A0Iab	257 486
235518	25.3	+50 23	8.5	F8Ib	287 387 399
204710	25.4	+44 29	7.0	B8Ib	251 257 486 598
204711	25.4	+25 22	8.4	K2III	659
204722	25.5	+43 54	7.7	B2V:nn(e)	251 257
204724	25.5	+23 12	4.5	M1III	282 474 646 714
AX Cep	25.6	+69 45	12.0	N	765 v
204771	25.8	+46 06	5.3	K0III	53 101 469 475 535
					714 106
204814	26.0	+45 27	7.9	G8V	253 296
204827	26.1	+58 18	7.8	B0V	74 141 251 257 486
					665
204854	26.2	-34 24	6.0	A2IV	456 641 645 v
204862	26.3	+11 43	5.9	B9V	194
204867	26.3	-06 01	3.0	G0Ib	30 42 65 71 101 112
					131 145 162 178 259
					399 439 444 449 460
					535 641 645 646 615
					705 758
				G2Ib	455
204917	26.7	+47 57	7.4	A0V	214 222 299
				A1V	68
204921	26.7	+29 50	7.8	K2III	659
204923	26.7	+25 37	9.9	K3III	659
204934	26.8	+27 56	8.7	K1III	659
204960	26.9	-45 18	5.7	K0III	645
204961	26.9	-49 25	8.6	M1V	519 705 713
+47°3433	27.0	+47 52	8.5	A2V	299
+47°3438	27.1	+47 53	8.5	A2V	222 299
				A3:V	68
205021	27.4	+70 07	3.3	B1IV	22 439 507 529 530
					531 584 665 698 758
				B2III	102 126 131 152 197
					251 350 352 360 399
					687 719 728 729 738
					765 v sb
205025	27.4	+34 06	8.2	F3IV	38
205027	27.3	+00 34	8.3	G2V	257 658
205067	27.7	-28 20	7.6	G2V	457 705
205073	27.8	+47 55	7.8	Am	555
				A0V	214 222
				A0Vs	304
				A1p	68
				A2p	299
205085	27.9	+47 50	7.8	A1V	222 299
				A3V	68
205087	27.9	+22 57	6.4	A2p	194
				A0p	555

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	21h				
205114/5	28.1	+52 11	6.2	G2Ib+A,B	384
				G2I:B9:	51
205116	28.1	+48 09	6.7	A0(III)?	68
				B9,5V	222 299
205117	28.1	+48 03	8.0	A0IV	222 299
				A0IVs(m)	304 555
				A0Vs	304
				A1p	68 299
+47°3452	28.2	+48 03	8.8	Am	299 555
				A0V	222
				A2V	68
205139	28.3	+60 01	5.5	B1s	530
				B1II	74 131 141 197 251
					300 399 486 531 728
					729
+47°3453	28.3	+47 56	9.0	A2V	222 299
				A3V	68
205153	28.3	-28 19	8.2	G0IV	457 705
205156	28.3	-50 13	8.1	G3V	711
205196	28.6	+57 04	7.4	B0Ib	42 48 131 251 257
					399 486 531 642
205210	28.7	+48 00	6.6	A1III	68
				B9IV	642
				B9,5IV	222 299
+47°3458	29.1	+47 54	8.5	A0V	299
				A1V	68 222
205287	29.2	+27 10	8.1	K5III	659
V624 Cyg	29.3	+43 29	13.4	N	765 v
205316	29.4	+25 28	8.2	K0III	659
+47°3462	29.5	+48 02	9.0	A2V	68 222 299
205331	29.5	+47 51	6.9	A1III	68
				B9IV	222 299
205349	29.5	+45 25	6.6	K1Ib	387 399 469 479 v
205390	29.8	-51 17	7.2	K2V	457 677 705 714
205435	30.2	+45 09	4.2	G8III	53 101 259 469 475
					535 714 106 G5III:27
+47°3472	30.3	+48 06	8.8	A(m)	68 555
				A7V	222
205471	30.4	-26 37	5.8	Am	555
205478	30.4	-77 50	3.7	K0III	645 sb
205510	30.7	+57 45	8.3	A3(p)	555
205512	30.7	+38 05	5.0	K0III	101 475 535
				K1III	53 253 469 714 106
+27°4108	30.9	+27 34	9.5	G0V	659
205626	31.5	+25 55	10.0	F8V	659
205627	31.5	+25 55	10.0	F8V	659
205637	31.5	-19 54	4.7	B3IVp	486 705 v sb
				B3V	719
				B3Ve	88
				B3V:p	105
205650	31.6	-28 04	9.5	F8V	705 713
				F8VI	519
205688	31.9	+29 37	6.3	G8III-IV	117
205700	32.0	+29 05	8.8	F5V	659
+47°3487	32.1	+47 28	9.1	Bpe	257
205733	32.3	+31 39	7.4	M4:III	2 v
				M4eIII	259 765
205741	32.3	+66 17	7.0	K1III	313
+29°4458	32.3	+29 13	9.4	G8III	659
205760	32.4	+25 10	8.4	K1III	659
205767	32.4	-08 18	4.8	A7IV	456 705
				A7V	112 641 645 646
205776	32.5	+66 20	7.2	K2III	313
205777	32.5	+60 28	10.3	N	6 v
+48°3437	32.6	+48 54	8.7	B1Iab	251 257
205837	32.9	+14 46	7.5	G4III	38
205852	33.0	+18 52	5.9	F0IV	456
205855	33.0	-02 44	8.8	K0V	253 296
205966	33.8	+50 37	7.4	M0III	38
205998	34.0	+40 38	7.4	K5III	38
206040	34.3	+53 36	6.0	K1III	117
206067	34.5	+01 48	5.3	K0III	53 469 475 714 106
206078	34.6	+61 52	7.1	G8III	253 469 714
206088	34.6	-17 07	3.8	Am	645 sb
				F0p	299 458 508 555 714
					758

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	21h				
				F2III	529 sb
				F2IIIp	97
				FOIII	530
				FOIII(p)	641 705
206121	34.9	+49 20	7.1	G2Ib:G2p	51
				G5II	384 469
206144	35.0	-18 03	9.1	B3Vn	217
206146	35.0	-19 21	7.4	MOIII	38
206155	35.1	+08 44	6.9	A7V	765 v
206165	35.2	+61 38	4.9	B2I	758
				B2Ib	42 50 65 74 105 131 141 172 251 306 399 486 529 530 531 594 598 699 719 728 729
206183	35.3	+56 32	8.1	O9	48
				BOV	251 257 486
206259	35.8	+51 54	7.5	B3III	251 257
206267	35.9	+57 02	5.6	O6	74 76 84 115 135 139 143 251 530 595 728 729 732
				O6f	735
206301	36.1	-14 30	5.3	G2IV	53 646 714 106
206311	36.2	+63 56	7.4	K5III	38
206312	36.2	+48 41	7.3	K1II	387 399 469
206330	36.2	+42 49	5.0	M1III	282 v
206332	36.3	+28 18	8.2	GOV	659
206341	36.3	-28 08	7.7	KOIV	457 471 705 714
206362	36.4	+78 10	7.9	Ne	6 v
				N6e($C7_4$)	1
				N8e	765
				$C7_4$e	259
	36.5	+49 56	10.7	BO:pe	257
206367	36.5	+21 46	7.4	M2III	38
206373	36.6	+28 53	8.0	GOV	659
206374	36.6	+26 18	7.4	G8V	117 469 659
+49°3591	36.7	+50 03	9.7	O7,5	139 251 257
206385	36.7	+29 51	7.4	K5III	659
206395	36.7	-43 57	6.7	GOIV	457 705 714
206453	37.1	-19 19	4.8	G8III	53 299 106
206469	37.2	-08 55	8.2	F4V	38
206485	37.3	+18 30	7.6	G7III	38 sb
206507	37.4	+70 00	8.0	F5V	38
206509	37.4	+54 25	5.9	KOIII	117 714
206540	37.6	+10 21	6.0	B5IV	194
206546	37.6	-20 04	6.2	Am	555 714 sb
206553	37.6	-89 19	6.5	A7IV	456 641 645
206561	37.7	-14 51	6.0	Am	555
206570	37.8	+35 03	6.0	N	6 v
				N1($C6_3$)	1
				N1(C65)	765
				C63	65 535
206601	38.1	+48 50	7.7	K1III	387
+56°2626	38.4	+56 15	10.5	BO,5III	257
206672	38.6	+50 44	4.8	B3V	105 486 697 719 sb
206677	38.6	-15 12	5.9	A(m)	555
206731	39.0	+49 08	5.9	G8II	387 469
				G8II-III	117
206742	39.0	-33 29	4.3	AOV	641 645 705 714 sb
				AO(p)	422
206744	39.0	-54 28	9.3	G2VI	519
206748	39.1	+49 42	7.8	G8Ib-II	384
206750	39.1	+37 34	7.1	N	6 v
				N5($C6_4$)	1
				N5($C6_4$e)	765
				$C6_4$e	259
206773	39.3	+57 17	7.0	BOp	48
				BOVp	141 531
				BOV:pe	74 131 135 251 257 486
206774	39.3	+37 50	5.6	B9,5V	194
206778	39.3	+09 39	2.5	K2Ib	42 65 71 101 124 131 145 149 177 178 203 259 287 399 469 475 479 535 641 646 687 v
				K3Ib	8 758

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	21h				
206826	39.6	+28 17	4.7	F6V	45 112 714 726 106 sb
206828	39.6	+26 03	8.2	G2V	659
206834	39.7	-09 32	5.3	G8II-III	53 106
+24°4460	39.8	+24 54	10.3	KOV	253 296
206859	39.8	+16 54	4.5	G5Ib	30 42 65 71 101 131 11 145 162 178 259 287 399 455 535 536 469 479 646 687 758 160
206868	39.8	-29 10	7.7	F2V	457 705
206889	40.0	+28 48	7.2	K1III	659
206899	40.1	+29 51	8.2	K5III	659
206901	40.1	+25 11	4.3	F5IV	45 112 299 714 sb
206936	40.4	+58 19	3.9	G5Ib	475 v
				M2Ia	2 8 10 42 48 65 124 131 138 145 282 469 758
				M2eIa	259 765
206948	40.4	-46 51	7.6	M3III	457 705
206952	40.5	+70 51	4.8	KOIII	53 101 469 475 535 714 106
+28°4177	40.6	+29 06		BO,5III	374 (374:B1IV+B3Vp)
				B1III	251
				B1IV	374
+48°3827	40.7	+48 57	9.4	N	6
206978	40.7	+29 56	8.8	GOIV	659
206979	40.7	+28 46	8.0	K2III	659
	41.0	+29 20	13.2	B3Vp	374
207052	41.2	-11 50	5.5	A2V	456 460 641 645
207076	41.4	-02 40	7.2	M8III	38 v
207088	41.5	+35 24	6.3	G8III	117
207089	41.5	+22 29	5.4	KOIb	53 399 469 475
				K1Ib?	145 178
				GOIb	479
207098	41.5	-16 35	3.0	Am	18 25 288 289 381 472 516 555 641 645 646 714 724 449 v sb
				A7IIIm	765
207119	41.7	+51 48	6.7	K5Ib	387 399 469
207129	41.7	-47 45	5.6	G2V	457 645 677 705 714
207130	41.8	+71 52	5.4	K1III	53 101 469 535 714 106
239758	41.8	+58 36	9.5	B2III:nn	251 257
+24°4473	41.8	+25 06	6.5	K3III	253 469 475 714
				K3-III-III+	62
207155	41.9	-31 21	5.0	A2III	714
				A2IIIn	457 705
207198	42.2	+61 59	6.0	O9II	71 74 76 131 139 141 251 399 531 598 728 729
				(O9s)	530
+49°3615	42.2	+49 50	9.1	B1V:	251 257 486
				B2e	28
207229	42.3	-65 10	5.6	KOIII	645
207241	42.3	-70 06	5.5	MOIII	645
207243	42.5	+29 39	8.5	KOIII	659
207260	42.6	+60 40	4.5	A2Ia	3 42 48 74 81 126 153 172 251 257 469 529 530 665 758 v
+28°4177	42.8	+29 20	10.0	B1IV	374
207308	42.9	+61 50	7.6	BO,5V	251 486
LQ Cyg	43.1	+52 06	13.5	N	765 v
207329	43.1	+51 39	7.4	B1,5Ib?e	251 257 486
				B2Ib	173
239767	43.1	+56 27	8.9	BO,5pV:	257 766 v
207330	43.1	+48 51	4.3	B3III	105 251 486 598 697 719 728 729 732
207379	43.4	+29 16	8.1	K1III	659
235618	43.5	+54 52	9.2	B1IV	257
207470	44.1	+28 15	8.6	G8III	659
+54°2629	44.2	+54 52	10.5	B1II	257
207489	44.2	+38 29	7.2	F5Ib	399
207516	44.3	+38 11	5.8	B8V	194
207538	44.6	+59 14	7.0	BOV	74 131 251 257 486 531 665 728 729
207563	44.8	+20 00	6.2	B3V	495 692
207583	44.9	-16 40	7.8	G5V	38
207647	45.4	+49 13	7.7	G4Ib	387 399
207650	45.4	+29 43	5.0	AOV	194 714 sb

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	21h				
207652	45.4	+16 49	5.4	M2III	15
207673	45.6	+40 40	6.5	A2Ib	42 48 163 251
207692	45.7	-23 44	6.8	F5V	645
207740	46.1	+28 18	8.0	G5V	659
				G8V	117
207780	46.4	+60 49	6.4	M1II-III	387
207793	46.5	+52 14	6.6	B0,5III	197 251 257 486
+28°4211	46.7	+28 23	9.5	Op	513 65 139
207826a	46.8	+66 20	6.4	F3IV	47
207840	46.9	+19 22	5.7	B6Vp	194
207852	46.9	-47 18	7.4	GOIV-V	465 705 714
207857	47.0	+39 05	6.2	B8IIIp?	194
207858	47.0	+26 16	8.0	F6V	38
207958	47.8	-14 01	5.3	FOV	645
207964	47.8	-62 21	5.9	FOIV	457 705 714
207971	47.9	-37 50	3.2	B8III	439 641 645 705 714
207991	48.1	+47 58	7.1	K5Ib	387 399 469
208057	48.5	+25 27	5.0	B3IV	584 sb
				B3V	105 224 529 530
+47°3588	48.9	+47 33	9.6	B1,5V	251 257
208108	48.9	+19 13	5.8	AOV	194 714
208133	49.1	+65 17	6.4	Am+Am	313
+4°4762	49.1	+04 30	9.3	G3V	253 658
208185	49.5	+62 38	7.7	B2V	50 729
208202	49.6	+19 15	6.3	KOIII+F7V	313
208215	49.6	-47 24	6.5	F5V	457 714
208218	49.7	+62 13	6.8	B1III	74 197 251 728 729 732
+46°3474	49.7	+46 48	9.5	B1V	642
208220	49.7	+43 01	9.0	B1IVe	141 251 257
208276	50.1	+29 47	8.4	G5III	659
	50.2	+53 45	11.2	B2p	257
208321	50.4	-37 44	5.5	A3V	456
208323	50.4	-46 57	7.4	F5IV-Vn	465
208340	50.6	+52 30	8.7	B9p	26 555
208376	50.8	+67 38	9.6	A3V	313
208379	50.8	+25 27	8.8	GOV	659
208392	50.9	+62 08	7.1	B1IV:	74 251 482 642 729 766
208411	51.0	+67 39	7.6	G8II	313
208415	51.0	+30 21	7.9	KOIII	659
208450	51.1	-55 28	5.3	FOIV	456 641 645 vb
				FOV	705
208457	51.2	+25 57	8.6	GOIV	659
208501	51.5	+56 08	6.0	B8Ib	42 48 74 251 257 486 598 728 729 v
				B9p	555
235661	51.6	+54 01	12.4	N	93 765 v
208512	51.6	+50 02	9.0	R2	308 v
				R3	6
				R3($C4_2$)	765
208526	51.7	+22 24	7.7	N	6 v
				N(C45)	765
+25°4648	51.8	+25 59	9.6	G5V	659
208565	52.0	+11 36	5.6	A2V	194
208606	52.3	+61 04	6.2	G8Ib	145 178 387 469 479 sb
208609	52.3	+17 13	7.3	K4III	38
208625	52.4	-42 12	6.6	K5III	705 713
208627	52.4	-44 32	6.5	G8IV	465 471 705
208641	52.6	+27 32	8.4	GOIII	659
+45°3736	52.7	+45 40	8.7	B9p	26 555
208658	52.7	+28 21	8.0	K1III	659
208682	52.9	+64 52	5.8	B2IVe	729
				(B2)IV	584
+28°4248	52.9	+28 28	9.8	G5V:	659
208700	53.0	+28 50	7.2	K3III	659
208710	53.0	-46 49	7.6	K3III	465 705
208741	53.2	-76 36	5.8	F3III	456 460
208745	53.3	+58 09	8.3	FOV	38
208750	53.3	+26 45	8.8	GOIV	659
208776	53.4	+03 18	6.9	GOV	253 513 515 714
208785	53.6	+50 01	7.6	K3II-III	38
208812	53.7	-43 57	8.2	F8IV-V	457 705

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	21h				
208816	53.8	+63 09	6.6	M1p	2 v sb
				M2+Ia-Iab	388
				M2epIa	259
				M2epIa+B9	765
235673	54.1	+52 19	9.1	O7	74 76 139 251 257
208905	54.3	+60 49	6.9	B1Vp?	74 251 257
208947	54.7	+65 41	6.3	B2V	729
				B3V	50
208951	54.7	+30 03	7.9	K2III	659
+27°4219	54.7	+28 10	9.8	GOV	659
235679	54.9	+54 00	8.8	B2Ia-II	486
MQ Cyg	54.9	+52 55	14.0	N	765 v
235679	55.0	+53 59	8.9	B2Ia-II	486
				B2Ia?p?	251
				B2II	257
208987	55.0	+29 25	8.2	K5III	659
209008	55.1	+06 14	6.0	B3III	217 251
				B3V	495 692
209014	55.1	-28 56	5.4	B8V	456 705
+41°4339	55.6	+42 05	9.6	B5V	765 125 v
209100	55.7	-57 12	4.7	K3V	287 288 296 665
				K4V	725
				K5V	457 459 641 645 677 705 714
209134	56.0	-28 30	9.7	K3V	459
209145	56.1	+59 50	7.6	B1V	251 257 486
209218	56.6	+54 33	7.9	AOII	181
209288	57.1	+10 29	6.4	B5V	194v
209296	57.2	+56 14	8.3	B6:V:n	257
209308	57.3	+53 41	9.3	B9p	26 555
209329	57.5	+47 49	7.9	FOIb-FOp	51
				F5III	384
209339	57.6	+62 00	6.5	BOIV	74 131 197 251 486 531 728 729 732
209369	57.8	+72 42	5.2	F5V	53 714 106
+48°3582	58.0	+48 15	11.2	M7p	765 v
209394	58.0	+36 29	7.2	M2III	38
239828	58.1	+59 01	9.0	B5Ia	257
209409	58.1	-02 38	4.5	B5V	287 v
				B6:Vn	456
				B8V	105 584
				B8V:nne	495
209457	58.4	+29 12	7.8	K5III	659
209459	58.4	+10 54	5.8	B9IV	194 714
209481	58.7	+57 31	5.6	O9n	530
				O9V	74 76 126 139 141 152 251 687 728
209500	58.8	+29 17	7.7	K5III	659
209515	58.9	+44 10	5.5	B9p	26 555
209522	58.9	-27 19	5.8	B5Vn	456
209543	59.1	+26 28	8.6	KOIII	659
BH Cep	59.5	+69 16	11.5	F5IV	766 v
209596	59.5	+45 05	9.5	N	6
209598	59.5	+27 52	7.0	MIII	659 v
+54°2676	59.7	+54 37	10.3	B1:nne(V)	257
209621	59.7	+20 34	8.9	R2	308 v
				R3($C3p_2$)	6 1
209625	59.7	-01 24	5.3	Am	516 555 714 27 sb
209661	59.9	-44 27	7.0	KOIII	705 713
	22h				
209664	00.0	+44 47	8.6	B9p	26 555
209678	00.1	+52 43	8.4	B2I	74 251 257 486
209680	00.1	+29 28	8.7	K5III	659
209688	00.1	-40 02	4.6	M0III	645
+51°3239	00.3	+51 37	9.9	B2V	251 257
209712	00.3	-08 11	8.1	F6V	38
209742	00.5	-45 52	8.5	K2V	457 705
209744	00.6	+59 19	6.7	B1V	74 598
209745	00.6	+29 24	8.7	F8V	659
	00.6	+25 11	9.7	F8V	659
209747	00.6	+04 34	4.9	K4III	53 178 253 287 469 705 714 475 106
209750	00.6	-00 48	3.2	(G1Ib)	30 758 439
				G2Ib	15 42 47 65 71 101 112 131 145 162 178 259 287 535 641 645

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	22h				
					646 705 399
209790/1	00.9	+64 08	4.6	Am	25 112 177 289 555 714 724
209813	01.0	+46 45	6.4	KOIII	117 652 sb
209819	01.0	-14 21	4.4	B8V	81 456 641 645 732
				B8,5V	705 (456:B8IV)
209833	01.1	+28 28	5.6	AOV	194
209858	01.3	+27 29	8.6	F8V	659
209890	01.5	+33 02	9.0	Ne	6 v
				N(C9e)	765
				C9e	259
209900	01.6	+53 01	8.9	AOIB	141
				AOIb-II	74 251 257
209945	01.9	+44 31	5.3	K5III	53 469 475106
209952	01.9	-47 27	1.7	B5V	287 439 449 444 457 641 645 665 705 719
209960	02.0	+62 18	5.4	K4III	53 469 475 714 106
				K5III	15
209961	02.0	+47 45	6.2	B2V	63 109 220 512 sb
209965	02.0	+00 05	7.6	F8V-	313
209975	02.1	+61 48	5.1	O9	531
				O9,5I	758
				O9,5Ib	42 48 50 71 76 126 131 139 141 152 172 251 257 399 507 529 700 728 729 530
209977	02.1	+11 17	7.3	M1III	38
+49°3735	02.2	+49 25	9.7	B1,5V:nn(e)?	251 257
209994	02.2	+27 51	8.3	KOIII	659
210026	02.4	+26 08	7.9	KOIII	117
				K1III	659
210027	02.4	+24 51	4.4	F4V	665 sb
				F5V	30 45 65 71 112 224 106 287 288 304 456 529 530 653 665 677 714 725 727 758 646 156
210049	02.5	+26 34	10.1	K5III	659
210051	02.5	-33 29	4.6	A2V	645
210071	02.7	-43 32	7.1	KOIII-IV	705 713
210072	02.7	+55 51	6.2	AOp	26 555
210129	03.1	+54 46	7.6	B2V	251 257 486
		+21 13	5.7	B6V	194
				B7V	253
				(B8)V	584
210144	03.2	+52 39	7.9	G8V	253 296 714
210191	03.5	-19 01	5.7	B2V	217
210193	03.5	-41 43	7.9	G5V	457
210220	03.8	+58 21	6.3	G6III	387 469
				K1III	15
210221	03.8	+52 49	6.5	A3Ib	42 47 48 163 251 257
210266	04.1	+06 59	8.0	F7V	38
+53°2790	04.3	+54 02	9.9	O9,5III?p	139 257
210334	04.6	+45 15	6.9	G5+gKO	534 v
				K2III+F8::	125
210342	04.7	+22 03	8.1	F4III	38
+52°3122	05.0	+52 28	9.3	B1V:	251 257
210390	05.0	+07 28	8.0	G8III+F2III	313
210418	05.2	+05 42	3.7	A2IV	287 299 665 725 v sb?
				A2IV-V	732
				A2V	71 81 180 641 705
210424	05.2	-12 04	5.4	B6III:	105
210441	05.3	-44 20	6.6	G8IV	456 471 709
210459	05.5	+32 41	4.4	F5II-III	45 64 97 112 469 474 714 F5II:27
210478	05.6	+60 30	7.3	B1V	251 257 486
210483	05.6	+18 18	7.8	G1V	38
234740	05.7	+53 41	8.9	GOIV	252
210495	05.7	+53 40	8.4	G8III	252
+55°2693	05.8	+55 16	11.1	B5:neB	211 v
210514	05.8	+31 48	7.3	M4III	38
210516	05.8	+20 29	6.4	A4III	194
+57°2465	05.9	+57 22	11.0	BO,5n(V)	257
+22°4567	05.9	+22 18	9.4	K3V	253 296

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	22h				
CX Cep	06.0	+57 12	12.5	WN5	556 48
+53°2799	06.0	+53 49	10.1	G5III	252
	06.3	+25 20	9.9	K3III	659
210608	06.4	+29 09	8.7	KOIII	659
+52°3125	06.5	+53 03	12.1	G8III	252
+52°2801	06.6	+53 33	11.1	KOIII	252
+52°3127	06.7	+52 19	9.4	B9p	26 555
210628	06.9	+55 36	6.9	B6:V:	257
210685	07.0	+26 46	8.5	K1III	659
	07.1	+54 29	9.5	GOV	252
235745	07.1	+54 13	9.0	K3III	252
210698	07.1	+39 13	7.4	K5III	38
210702	07.1	+15 33	6.0	K1III	714 27
210745	07.4	+57 42	3.6	K1Ib	15 42 101 131 145 174 187 259 287 399 535 469 475 479 687 758 v sb
210761	07.5	+51 49	8.0	G1Ib-II	390
	07.6	+57 26	12.5	WN5	48 321 765 v
+53°2805	07.6	+53 51	10.0	G5III	252
+52°3130	07.6	+52 43	10.3	F8IV	252
+52°3131	07.6	+52 39	11.1	MOIII	252
+52°3133	07.7	+53 08	10.1	G5III	252
210789	07.7	+24 59	8.5	K2III	659
210807	07.9	+71 51	5.0	G8III	53 101 535 469 714 106
235749	07.9	+54 46	9.8	MOIII	252
	07.9	+53 55	9.5	G8III:	252
210809	07.9	+51 56	7.5	O9,5	48
				O9Ib	74 76 135 139 141 251 257 594 598 729
210839	08.1	+58 55	5.0	O6	531 595 728 735 758
				O6f	48 65 71 76 115 131 135 139 141 251 257 507 598 599 687 700 729 735 379
				O6fIII?	584
210855	08.2	+56 21	5.4	F6V	562
				F8IV	15
				F8V	53 687 714 106
+54°2701	08.3	+54 15	10.7	KOIII	252
210885	08.4	+59 13	7.6	G8II	387
				G8II+A1V	313
+52°3135	08.4	+53 12	9.6	B3II:	251 257
210889	08.4	+34 07	5.4	K2III	53 101 469 475 535 714 106
210891	08.4	+10 22	8.2	FOIV	38
210918	08.5	-41 51	6.2	G5V	465 705 714
210922	08.6	+54 36	7.4	K1III	38
				K2III	252
235750	08.6	+53 55	8.4	KOIII	252
235751	08.6	+53 23	9.1	G8IV	252
+52°3136	08.6	+52 14	10.9	G5IV	252
210925	08.6	+25 26	8.0	KOIII	659 714
210934	08.6	-28 16	5.3	B8III	456 596 641 645
				B8V	714
210939	08.7	+60 16	5.5	K1III	15
210957	08.8	+18 25	8.2	A9IV	38
210960	08.0	-21 35	5.4	KOIII+F2V	313
+52°3138	08.8	+52 44	10.9	G5IV	252
210967	08.8	-80 57	5.1	M6III	645
239886	08.9	+56 46	8.8	A1Iap	551
				B9Iap	251 257 486
+52°3140	08.9	+52 23	9.8	FOV	252
235755	09.0	+53 36	9.5	FOV	252
+52°3142	09.2	+53 03	11.4	G5IV	252
235757	09.2	+52 25	8.2	KOIII	252
235758	09.3	+53 59	9.2	K3III	252
+51°3290	09.3	+52 11	11.3	F2V	252
211038	09.3	-16 19	6.6	G8V	645
	09.4	+57 10	10.3	B1III	257
235759	09.4	+53 06	8.8	M2III	252
+52°3145	09.5	+52 42	10.8	GOV	252
211070	09.6	+54 58	8.0	K2III	252
235760	09.6	+53 24	8.9	K2III	252

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	22h	'			
211073	09.5	+39 13	4.6	K3III	53 101 469 475 535 714 106
211076	09.6	+16 41	6.5	K4III	253 469 475 714 62
239895	09.8	+57 10	8.6	B8Ia	251 257 486
+52°3148	09.9	+53 00	11.1	K2III	252
+53°2820	10.1	+53 55	10.0	BOIV:n	257
211149	10.1	+52 46	7.6	K5III	252
+54°2713	10.2	+54 52	10.8	MOIII	252
+53°2816	10.2	+53 20	9.4	F5V	252
+54°2714	10.3	+54 52	10.9	K3III	252
+54°2715	10.3	+54 22	11.5	KOV	252
+53°2822	10.5	+53 18	10.1	GOV	252
211209	10.5	+52 26	7.9	K2III	252
211227	10.6	+52 01	7.9	K2IV	252
235765	10.7	+54 56	9.7	FOV	252
	10.7	+53 47	10.3	B1IV	257
211244	10.7	+18 07	8.1	F3IV	38
+51°3301	11.0	+51 55	10.5	G8IV	252
211300	11.1	+72 49	6.1	KOII-III + A3V	391
235767	11.2	+54 00	9.1	G5III	252
+54°2718	11.3	+54 58	10.2	B2III	257
+53°2826	11.3	+53 59	10.7	GOV	252
211336	11.4	+56 33	4.2	FOIV	65 112 126 131 152 287 299 665 687 714 725 106
				FOV	41 529 530 666 758
+55°2707	11.4	+55 25		B9Vp	551
211362	11.4	-16 53	8.1	F6IV	38
+54°2721	11.5	+54 59	10.1	GOIII:	252
235769	11.6	+53 48	9.8	B2III:	74
+51°3306	11.6	+52 11	10.3	F8IV	252
+51°3305	11.6	+52 10	11.5	G8III	252
211388	11.6	+37 15	4.2	K3II-III	53 469 475 535 106
				K3III	8 758
211391	11.6	-08 17	4.3	G8III	645
				G8III-IV	53 705 714 106
	11.7	+60 35	10.7	B2V	257
211407	11.7	+25 45	8.7	KOIII	659
211415	11.7	-54 07	5.4	GO	287
				G1V	457 677 705 714
211416	11.7	-60 45	2.9	K3III	641 645 705 714 sb
235771	11.8	+53 51	9.0	F5V	252
+52°3160	11.9	+53 05	10.5	FOV	252
235773	12.0	+54 02	8.3	KOIII	252
235772	12.0	+52 30	8.9	G8IV	252
211472	12.2	+54 10	8.0	KOV	252
				K1V	38
211476	12.2	+12 23	7.0	G2V	253 296 714
235775	12.3	+54 40	8.5	G5III	252
211489	12.3	+54 20	8.2	F1V	38
235774	12.3	+51 59	8.6	M5III	252
+53°2833	12.4	+53 40	10.0	B1III	74 251 257
235777	12.4	+53 26	8.7	K2IV	252
235778	12.5	+53 31	9.0	K5III	252
+52°3312	12.5	+52 03	11.8	KOIII	252
+51°3313	12.6	+52 04	11.7	KOIII	252
211539	12.6	-86 29	5.7	KOIII	645
+54°2725	12.7	+54 17	10.6	KOIV	252
211554	12.8	+56 43	6.0	G8III	15
211555	12.8	+25 53	7.0	KOIII	117 659
211564	12.9	+55 17	11.1	WN5	321
+54°2726	13.0	+54 59	9.4	B1II	74 251 257 486
+52°3166	13.2	+52 28	10.4	FOV	252
+53°2836	13.2	+53 41	11.7	K2III	252
235781	13.2	+53 13	8.6	B6Ib	74 251 257
211606	13.2	+26 26	6.8	K5II	659
211610	13.2	-21 24	8.2	S6,3e:	98 v
+53°2837	13.3	+53 42	10.1	B2III:	251 257 486
211643	13.4	+55 40	7.8	A(m?)	555
235783	13.4	+53 59	8.7	B1Ib	74 251 257
211645	13.4	+38 31	7.5	G9III	38
+55°2716	13.5	+55 27	10.0	F2V	252
+54°2728	13.6	+54 31	10.2	FOV	252
+52°3169	13.6	+52 41	11.0	G5V	252
+53°2840	13.7	+53 36	10.1	G5V	252

HD or D	1900 '	1900 —	m	Sp	Bibliography
	22h				
235786	13.7	+51 56	9.2	KOIV	252
235785	13.7	+51 47	9.3	F8V	252
+51°3321	14.1	+52 01	11.9	G5III	252
+52°3172	14.2	+52 38	11.0	G5III	252
	14.4	+56 48	12.2	F8V	682 v
				GOV	766
	14.4	+55 25	10.5	BOIII	257
+63°1889	14.5	+63 27	10.5	B8III	190
+51°3322	14.5	+51 31	9.2	FOV	252
+54°2733	14.6	+55 06	10.6	G5III	252
+52°3174	14.6	+53 11	12.7	G5III	252
+51°3323	14.7	+51 48	10.9	KOIII	252
211820	14.8	+55 41	8.6	F2Ib	48
+54°2734	14.8	+54 55	10.5	F2V:	252
211822	14.8	+52 09	7.4	G2III	252
211833	14.9	+62 18	6.0	K1III	15
				K3III	387
239919	14.9	+55 33	9.6	GOV	252
235793	14.9	+54 46	9.3	KOIII	252
+51°3325	14.9	+51 26	11.2	G8III	252
+51°3326	14.9	+51 21	11.2	KOIV	252
211835	14.9	+45 18	8.5	B2ne	3
				B3Ve	220
				B3:Ve	63 109
211838	14.9	-08 19	5.3	B8V	456 460
211853	15.0	+55 37	9.0	BO:I:+WR	74 251 sb
				BO:I:+WN6	321
				WN5	538 556
				WN5,5	48
				WN6+	9
				WN6+B	511
235794	15.1	+51 31	8.9	G8III	252
211880	15.2	+62 43	7.8	BO,5V	251 257 595
211881	15.2	+52 10	8.2	KOIV	252
235795	15.2	+51 37	9.1	B1:V:nne	251 257
				B2e	28
211884	15.2	+25 13	7.6	K5III	659
235796	15.3	+51 23	8.4	K3III	252
235797	15.4	+53 06	8.6	MOIII	252
211924	15.4	+05 17	5.4	B5III	105 v
				B5V	495
+53°2843	15.5	+53 46	9.3	O8	74 76 139 251 257
+60°2380	15.6	+60 16	9.1	B2III	257
+51°3333	15.6	+52 05	11.4	K5III	252
235799	15.7	+51 23	9.6	F5V	252
239923	15.8	+58 27	8.9	B3Ib	257
+53°2846	15.8	+53 17	10.5	FOV	252
211965	15.8	-07 29	9.2	G3IV::+A7::	125 v
211971	15.9	+59 38	6.9	A2Ib	251 257
211972	15.9	+52 22	7.7	K5III	252
211973	15.9	+51 30	8.3	F2V	252
211982	16.0	+55 40	7.3	K1III	387
235800	16.0	+51 47	9.2	F2V	252
+51°3342	16.0	+51 25	11.4	KOV	252
211998	16.0	-72 44	5.3	GO	287
				GOV	457 705 714
+51°3336	16.1	+51 47	11.3	K3III	252
212010	16.1	-22 06	5.4	K2III	645
+54°2738	16.3	+55 06	10.7	FOIII	252
+51°3340	16.3	+52 12	10.6	G5IV	252
+51°3338	16.3	+51 14	10.4	FOII	252
212038	16.3	-51 17	8.7	KOV	465 705
212043	16.4	+56 25	6.5	B6II	562
235802	16.4	+51 48	9.0	G2III	252
212044	16.4	+51 21	7.1	B1:V:pnne	251 257 v
				B2p	48 (A2p:287)
	16.5	+55 53	10.1	B1pe	257
212061	16.5	-01 53	4.0	AOIV	456 v sb?
				AOV	81 180 287 299 641 645 665 705 725 732
				B9III	172
212076	16.6	+11 42	4.9	B2V	105 584 699 719
				B2Ve	641
212087	16.6	-46 27	5.8	M7III+GOV	441 v
				S5,7:	98 140
				S5,7e	646 705
				Se+GOV	391

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	22h				
212097	16.7	+27 50	4.9	B8III	194
				B8V	81 732
212106	16.8	+54 21	8.0	F5V	252
+51°3343	16.8	+51 22	10.8	GOV	252
212120	16.9	+46 02	4.7	B6IV	50 105 598 719 728
					729 732 sb
212132	16.9	-46 25	5.8	FOIV p	456 460 705
239928	17.1	+55 36	8.4	G2V	252
239929	17.2	+55 31	9.0	F8V	252
235805	17.2	+53 56	8.4	KOIV	252
212183	17.3	+55 30	7.9	B9III-IV	48
+51°3346	17.3	+51 45	10.6	G2V	252
235807	17.4	+55 03	9.6	BO,5IV:n	257
212200	17.4	+54 03	8.9	G5III	252
235809	17.6	+54 44	8.6	G5III	252
+61°2350	17.8	+61 01	9.2	BO,5V	190
	17.8	+55 36	9.7	A(m)	559
235810	17.9	+55 09	9.0	G8IV	252
+52°3190	17.9	+52 15	10.8	GOV	252
235811	18.0	+52 12	8.8	G5IV	252
212280	18.0	+29 51	8.0	GOIV	659
212288	18.1	+53 39	8.7	F2V	252
212289	18.1	+30 15	8.0	K1II	659
	18.2	+59 47	10.4	B3V	257
212312	18.3	+55 06	8.4	FOIV	252
				F2Ib	48
+55°2733	18.4	+55 14	11.4	KOIII	252
235812	18.4	+52 08	9.2	K2V	252
	18.5	+55 08	10.3	O5	139 257
235813	18.5	+54 18	8.8	BOIII	74 251 257
+52°3192	18.6	+53 04	11.1	G8III	252
+51°3355	18.7	+51 13	10.5	FOV	252
212385	18.7	-39 38	6.9	Am	555
				A2p	402
212391/2	18.8	+66 12	6.7	G5III+A2V:	313 714
235817	18.8	+51 24	8.5	KOIV	252
235818	18.8	+51 21	9.0	K2IV	252
+54°2752	18.9	+54 40	10.8	MOIII	252
235819	18.9	+53 04	9.4	G5IV	252
+51°3356	19.0	+51 26	9.5	B9(p)	555
+50°3689	19.0	+51 12	10.3	KOIV	252
+54°2753	19.1	+51 06	10.3	GOV	252
+53°2861	19.1	+53 20	10.8	KOIII	252
+54°2754	19.2	+54 37	11.2	KOV	252
212455	19.3	+54 55	8.4	B5Iab	74 131 141 251 257
					399 729
235823	19.3	+51 41	8.9	F8V	252
212466	19.4	+55 28	8.6	G8Ia	42 48 382 475 v
				K5-MO O-Ia	8
				MO:Ia	758
				MO-O	10
				MO:Ia-O	2 124 765
+54°2757	19.4	+54 46	10.8	G8III	252
+53°2863	19.4	+54 10	9.7	G5V	252
+54°2758	19.6	+54 44	9.3	O9V	74 76 139 251 257
+52°3198	19.6	+52 17	11.5	FOV	252
212496	19.6	+51 44	4.6	G5III	252
				G9III	53 101 469 475 479
					535 714 106
				KOIII	15
235827	19.8	+53 19	8.7	F8IV	252
+54°2761	19.9	+55 11	10.0	O5f	139 257
212533	19.9	+54 42	8.7	FOV	252
+54°2762	20.0	+54 18	11.3	G5III	252
+52°3200	20.0	+52 34	12.3	MOIII	252
212545	20.0	+34 56	7.7	B5Iab	531
+54°2764	20.1	+54 53	9.5	B1Ib	74 251 257
212567	20.2	+28 11	8.3	KOIII	659
212571	20.2	+00 52	4.6	(BOV)	507 698
				BOVpe	729
				B1p	217
				B1V	584
				B1nnek	137 705
212581	20.2	-65 28	4.7	B8V	456 705
212592	20.4	+52 06	8.6	FOV	252
212593	20.5	+48 58	4.6	B2III	738
	22h				
				B8Ib	758
				B9Iab	42 50 81 126 152
					529 530 584 665
+54°2767	20.6	+55 10	10.2	FOV	252
+54°2768	20.6	+54 22	11.5	MOIII	252
+55°2744	20.7	+55 23	10.2	G5III	252
+51°3365	20.7	+51 40	10.6	KOV	252
+52°3202	20.8	+53 06	10.6	F2V	252
212665	20.9	+53 54	8.0	KOIV	252
+51°3367	20.9	+52 07	10.9	G5V	252
	21.0	+61 03	10.6	B3Vn	257
212690	21.1	+53 13	8.8	GOIV	252
+57°2525	21.3	+57 20	10.4	B1,5pe	
				(IV-V)	257
				B(3)e	28
+52°3207	21.3	+52 38	9.8	FOIV	252
212728	21.3	-67 59	5.6	A3V	456 641 645
+55°2748	21.5	+55 47	10.0	BO,5V	257
235835	21.5	+52 18	9.0	G8IV	252
212750	21.5	+28 02	7.1	KOIII	117
				K1III	659
+53°2871	21.6	+54 02	10.4	FOV	252
212790	21.8	+53 19	7.4	KOIII	15
				K2III	252
212809	21.9	+55 11	9.0	G2V	252
235837	21.9	+53 34	8.7	F5IV	252
212810	21.9	+53 26	7.4	FOV	252
				F2V	15
+53°2875	22.0	+53 20	10.7	K3III	252
212827	22.0	+53 16	8.3	AOII	251 257
+62°2078	22.2	+62 54	9.7	O7	139 257
+54°2775	22.2	+54 57	9.6	B1V	251 257
+53°2878	22.3	+54 07	11.4	K2III	252
212873	22.3	+14 38	8.6	G1V+G2V	313
212882	22.4	+62 49	7.2	M4III	38
235844	22.4	+53 18	8.4	FOIII	252
212883	22.4	+36 57	6.4	B2V	63 72 109 220 512
+53°2881	22.5	+53 28	11.4	K3III	252
212909	22.6	+51 51	8.2	G4Ib	387
				G5III	252
+51°3374	22.6	+51 30	11.4	K2III	252
+51°3376	22.6	+51 18	10.6	KOIV	252
+54°2776	22.7	+54 25	10.7	K2III	252
235845	22.7	+54 07	8.8	F5IV	252
+50°3717	22.8	+51 12	11.5	G5III	252
212943	22.8	+04 12	4.9	KOIII	53 185 253 287 299
					475 705 714 106
				KOIII-IV	101 469 535
				KOIV	178
				K1III	117
212953	22.8	-39 38	5.5	G9III	645
+63°1907	22.9	+63 29	9.1	B1Ia	190
+51°3377	22.9	+51 43	10.7	A(m)	555
+54°2777	23.0	+54 16	10.6	KOIV	252
+52°3210	23.0	+53 08	10.7	B1V	251 257
212978	23.1	+39 19	6.1	B2V	63 72 109 220 512
+53°2885	23.2	+53 40	10.5	B2III	251 257
+52°3211	23.2	+52 59	11.5	MOIII	252
+51°3379	23.2	+51 56	10.0	F8V	252
+54°2779	23.3	+55 14	9.6	F8V	252
213001	23.3	+52 36	8.9	G5IV	252
213014	23.4	+16 46	7.3	G9III	117
				G9III+F3V	313 714
213023	23.5	+63 14	8.5	O9V:	251
213025	23.5	+26 31	6.4	G8III	117 659
213036	23.6	+51 28	8.0	GOIIIp	252
213042	23.6	-30 30	7.7	K5V	457 677 705 714
+57°2536	23.7	+57 52	10.3	B1II-III	257
213049	23.7	+55 46	10.9	WC6	321 414
213050	23.7	+50 59	7.3	AOII	181
213051/2	23.7	-00 32	4.4	F2III	287 705
				F2IV	112 714
				F5III	45
213075	23.8	-29 14	8.6	GOV:	711
213087	23.9	+64 37	5.7	BOII	529 530 531
				BO,5Ib	131 141 251 257 399
					455 598

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	22h				
	23.9	+56 59	10.8	B1III	257
+52°3214	24.0	+52 19	11.4	M0III	252
213115	24.1	+57 03	8.0	F8V	387
+54°2783	24.1	+55 00	11.0	K2III	252
213135	24.2	-27 37	5.9	F0V	456 457 705 714 v
235854	24.3	+52 45	9.4	F0IV	252
239960	24.4	+57 12	9.8	F7V	725 v
+53°2891	24.4	+54 08	11.1	G5III	252
213177	24.5	+29 18	8.1	K0II	659
213178	24.5	+28 32	7.0	K0III	117
				K1III	659
235855	24.6	+53 08	9.3	K2III	252
213188	24.6	+52 22	7.7	K2III	252
213199	24.6	-16 58	8.1	G0V	38
+53°2892	24.7	+53 39	10.5	F0V	252
+51°3387	24.8	+52 06	10.8	G5III	252
+51°3389	24.8	+51 15	10.5	G0III	252
213232	24.9	+58 02	7.9	A5p	181 555
+52°3219	24.9	+52 15	10.5	G0V	252
213235	24.9	+03 56	5.5	F5III	45 97 sb
+52°3230	25.0	+52 54	10.2	F0V	252
239967	25.1	+56 06	9.4	B3II	257 486
+53°2895	25.1	+53 38	11.1	K2III	252
235857	25.2	+54 18	9.0	K5III	252
+53°2896	25.2	+53 27	10.5	G2III	252
213270	25.2	+52 16	8.6	K2IV	252
+51°3391	25.2	+51 37	11.6	G8III	252
235858	25.3	+54 20	9.3	M0III:	252
+51°3392	25.3	+51 17	10.6	F8III	252
213306	25.4	+57 54	3.9	F5Ib-G1Ib	207 v sb
				F5Ib-G2Ib	17 259 765
				F6Ib	455
213308	25.4	+52 31	8.5	F0IV	252
213310/1	25.4	+47 11	4.6	M0Iab	469 v
				M0Iab+B	131 479
				M0Ib-II+A	259 475
				M0II	8 138 758
				K5Ib,A0	406
				K5Ib+B7V	177
213320	25.4	-11 11	4.9	A0IV	81 174 645
				A1IV	456 641 705
213323	25.4	+32 04	5.5	B9V	194
213337	25.6	+51 59	8.4	G0IV	252
213338	25.6	+51 56	8.6	G8V	252
213353	25.7	+62 46	8.2	G8II-III	387
213388	25.9	+51 54	6.6	G5III	252
213398	25.9	-32 52	4.3	A0V	472 641 645 705 714
213389	26.0	+48 51	6.5	K2III	652 sb
213405	26.0	+64 36	7.9	B0,5V	251 257
213420	26.1	+42 36	4.5	B2III	665 sb
				B2IV	63 105 109 126 152
					197 220 486 512 699
					719 729
	26.2	+56 30	10.5	B0,5III:	257
+54°2790	26.2	+54 17	9.7	B0IVn	251 257 486
+53°2901	26.2	+53 34	11.1	F0V	252
+54°2792	26.3	+54 31	11.1	G5III	252
239978	26.4	+56 29	9.7	M0Ib	2 765 v
+52°3227	26.4	+53 09	11.0	F5III	252
213470/1	26.5	+56 43	6.7	A3Ia	42 48 74 141 153
					251 257 687 sb
+51°3401	26.5	+51 40	10.2	F8V	252
213482	26.6	+56 20	8.6	F8Ib	48 51
				F9Ib	384
+51°3402	26.6	+51 26	10.7	G0V	252
	26.7	+56 07	9.9	B0IV	257
213495	26.7	+53 01	7.3	F0IV	252
235865	26.8	+54 22	8.5	M2III	252
213505	26.8	+53 47	8.8	G5V	252
+53°2905	26.9	+53 47	10.4	F0V	252
+51°3403	26.9	+51 40	11.0	G5III	252
+53°2906	27.1	+53 45	11.0	F8V	252
+51°3404	27.1	+51 32	11.0	F8V	252
213558	27.2	+49 46	3.8	A0V	22
				A2V	81 299 472 714
+51°3406	27.3	+51 43	11.0	G0III	252
+60°2405	27.5	+61 06	9.9	B3nn(V?)	257
+53°2907	27.5	+53 42	10.4	G8III	252
+52°3233	27.6	+52 55	10.4	G5III	252
235870	27.7	+54 44	8.8	G8II	48
				G8III	252
+52°3234	27.7	+52 16	11.8	K0III	252
	27.7	+25 05	9.5	G8II	659
+51°3408	27.9	+51 37	10.9	G5III	252
213657	27.9	-42 33	9.7	F4VI	519
				F5VI	519
213658	27.9	-45 12	6.9	K0III-IV	705 713
235872	28.0	+52 30	8.4	K2III	252
+55°2766	28.4	+55 11	10.8	F0V	252
213720	28.4	+53 31	6.5	G8III	252
235873	28.4	+52 42	8.6	M5III	252
	28.5	+58 09	9.5	N	6
213758	28.7	+58 31	8.0	F3V	38
+53°2911	29.0	+53 02	10.1	K5V	252
235874	28.9	+50 42	9.6	B3III	251 257 486
213803	29.0	+29 04	8.3	K0III	659
+54°2797	29.1	+54 47	10.2	F8V	252
+52°3240	29.1	+53 12	12.2	M2III	252
+53°2921	29.2	+53 11	12.0	K0III	252
213845	29.2	-21 13	5.3	F3V	645
+66°1521	29.3	+66 38	8.3	O9,5II	765 v
				O9,5V	125
+51°3413	29.3	+52 10	10.9	G5V	252
213857	29.3	+29 14	8.1	K0III	659
213863	29.3	-20 22	8.7	F1V	38
213871	29.4	+46 03	7.2	A0(p)	555
213890	29.5	+14 31	8.0	F4IV	38
213893	29.5	+00 06	7.0	K5III	253 469 475
				K5+III	62
+55°2768	29.7	+55 10	10.4	F0V	252
+51°3414	29.7	+52 08	11.6	G0V	252
239994	29.8	+56 49	9.0	F8Ib	48
213930	29.8	+56 07	5.8	K0III	15
+55°2770	29.9	+56 01	10.1	B1,5II +	
				B1,5III	257 486
+53°2916	29.9	+53 31	10.6	G0V	252
+52°3242	29.9	+52 34	10.4	F0IV	252
213947	29.9	+26 05	7.3	K4III	659
+53°2917	30.0	+53 21	11.0	F8V	252
213976	30.1	+40 16	7.0	B1,5V	63 72 109 512
				B2V	220
213992	30.2	+29 27	7.3	K3III	659
213998	30.2	-00 38	4.1	B8V	81 101 641 645 705 465
+53°2919	30.3	+54 14	11.5	K0III	252
	30.4	+57 50	10.4	B2III	257
+55°2771	30.4	+56 11	9.7	B1IV	257 486
214023	30.4	+30 17	7.6	K3III	659
235883	30.6	+52 28	8.8	F0V	252
214059	30.6	+04 05	8.2	G4V	253
CX Aqr	30.6	-01 12	10.7	F2p	765 v
214065	30.6	-46 58	9.2	K1III	465 705
214080	30.7	-16 54	6.7	B1Ib	131 217 251 377 486 135
214085	30.7	-41 06	6.1	A4V	460
214088	30.8	+57 39	7.5	K5III:	387
214094	30.8	-43 59	6.8	F6V	457 705 714
	31.1	+29 36	9.4	G8III	659
235886	31.3	+53 08	8.8	G5III	252
235887	31.3	+53 49	8.4	F8IV	252
214165	31.4	+60 18	8.0	F2V	15
214167	31.4	+39 07	6.4	B2V	63 65 72 109 183
					220 584
214168	31.4	+39 07	5.8	B1Ve	65 74 131 220 251
					531 sb
				B1Vne	63 72 109 512
235888	31.6	+54 00	8.9	F2V	252
214202	31.6	+29 14	8.1	G8III	659
214203	31.6	+11 11	6.4	A2V	194
+53°2924	31.7	+53 51	10.4	F0III	252
214221	31.7	+53 41	8.5	G5IV	252
214222	31.7	+52 41	8.4	G0IV	252
+52°3248	31.8	+52 20	11.8	K0III	252
214240	31.8	+49 33	6.2	B3V	63 109 220 512 sb

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	22h				
214242	32.8	+22 39	7.3	K5III	38
214263	32.9	+37 19	6.7	B2V	53 72 109 220 512
214265	31.9	+27 16	7.0	KOIII	117 659
235892	32.1	+54 32	8.9	K3III	252
+53°2926	32.1	+54 03	11.2	K3III	252
214308	32.1	-47 13	7.7	F5IV	457 705
+54°2817	32.2	+54 34	10.5	KOIII	252
214310	32.2	+54 32	9.2	GOIV	252
214332	32.3	+29 13	8.1	G8III	659
+53°2929	32.4	+53 48	10.9	G5III	252
214369	32.6	+57 54	8.8	KOepIa	259 765 v sb
214376	32.6	-04 45	5.3	K2III	53 645 714 106
214385	32.6	-27 58	7.9	G2V	457 705 714
+52°3249	32.7	+53 08	10.5	G8IV	252
214419	32.9	+56 23	8.9	O7+WR	74 76 141 251 v
				WN5	43 538
				WN6	48
				WN6-	9
				WN6+O7	321 765
				WR	257
214422	32.9	+26 54	8.1	F6V	38
214432	33.0	+38 55	7.4	B3V	63 109 220 512
214434	33.0	+25 55	8.1	K2II	659
235894	33.2	+52 23	9.3	G5IV	252
214454	33.2	+51 01	4.8	A7IV	112
214458	33.2	+29 24	7.4	K2III	659
214470	33.3	+73 07	5.2	F4II-III	47
214484	33.3	-33 36	6.1	A2Vp	456 705
235899	33.4	+54 36	8.9	G5III	252
+54°2812	33.4	+54 32	10.7	F2IV	252
235898	33.4	+53 46	9.5	KOIII	252
+53°2934	33.4	+53 48	10.5	KOIII	252
+53°2938	33.4	+53 19	10.1	G2III	252
				G5III	258
214539	33.7	-68 12	7.4	B9V	496 705
+53°2940	34.0	+53 46	10.1	FOIII	252
+52°3253	34.1	+53 07	11.7	G8III	252
214632	34.4	-57 56	5.9	K4III	645
235909	34.5	+53 06	8.8	K2III	252
235910	34.5	+52 42	8.9	FOIV	252
240010	34.6	+55 19	9.5	BOne	3
				B1:IV:pnne	251 257
214652	34.6	+36 51	6.7	B2:V	63 72 109 220 512
					sb
214680	34.8	+38 32	4.9	O8,5	532
				O9V	50 55 63 65 71 72 74 76 83 94 102 109 126 131 135 139 152 172 177 200 251 304 507 512 529 530 595 598 700 719 728 729 732 738 758
214690	34.8	-31 10	5.9	K3III	457 705 714
214698	34.9	+19 10	6.1	A2V	194
+52°3258	35.0	+52 51	11.7	KOIV	252
	35.0	+47 50	12.6	N	765 v
214748	35.1	-27 34	4.2	B8V	456 641 705
				B8Ve	645
214749	35.1	-30 11	7.9	K5V	457 677
214759	35.2	-32 30	7.4	G8V	457 615 677
+52°3260	35.3	+52 57	11.5	GOV	252
214847	35.9	+55 38	8.7	F8Ib	51
				G2Ib	384
+53°2947	36.0	+53 24	11.5	KOIII	252
+57°2581	36.1	+57 54	10.0	BOIII	257 486
214868	36.1	+43 46	4.6	K3III	53 101 131 469 475 479 535 714 106
214878	36.2	+53 20	6.1	KOIII	252
214923	36.5	+10 19	3.6	B8,5V	439 641
				B8V	50 71 81 126 172 194 224 598 732 734
214930	36.6	+23 19	7.3	B2IV	217
				B3V	379 599
	36.7	+29 31	9.9	K3III	659
214952	36.7	-47 24	2.2	M3II	449 472 641 645 705 714 v

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	22h				
214953	36.7	-47 43	5.9	G1V	457 677 705 714 v
214975	36.9	+56 19	8.6	F6Ib-G6Ib	17 765 v
				G2I	51
214987	36.9	-44 46	6.3	K1IV	705 713 714
214993	37.0	+39 43	5.2	B2III	63 72 74 102 105 109 126 131 152 172 197 220 251 350 357 360 512 529 530 531 665 728 729 758 765 sb v
214994	37.0	+28 48	4.8	A1IV	194 687
				A1V	71 81 131 174 732
215030	37.2	+41 03	6.1	G9III	117
				K1III	15
215038	37.3	+75 08	8.0	A0p	174 555
215166	38.2	-16 40	8.1	F7V	38
215167	38.2	-19 21	4.9	K4III	53 705 714 106(K3III:27)
215182	38.3	+29 42	3.1	G2II-III	65 112 259 469 687 97 714 758 106 sb
				G2III	15 641
				G8II:+F	30 131
215191	38.4	+37 17	6.2	B1V	63 72 109 220 251 512
215227	38.6	+44 12	8.7	B5:ne	109
+55°2795	38.7	+55 50	9.8	B1III	251 257 486
215274	38.9	+29 34	8.3	G5V	659
215286	39.0	+57 54	8.0	A2Ib	181
215290	39.0	+32 19	7.3	M0III	38
+53°2964	39.2	+53 33	9.2	B2e	28
				B2IV:pnne	251 257
215359	39.5	+38 57	6.1	K5III	15 sb
				K5III+K2III	313 714
215373	39.6	+41 18	5.2	KOIII	53 101 469 475 535 714 106
215399	39.8	+46 06	8.2	F1V	38
215405	39.8	-47 04	5.4	K3III	705 713 714
	40.0	+17 36	9.0	Ce	259
				Ne	6
215441	40.1	+55 04	8.6	A0p	319
215467	40.2	-42 57	9.7	KOV	705 713
+54°2847	40.3	+55 13	10.1	B1II?nn	251 257
215484	40.4	+61 12	8.8	N	6 93 765 v
				Nb($C6_4$)	1 766
				R8	308
215500	40.5	+64 03	7.8	G8V	15
	40.8	+01 31	10.9	A5p	765 v
215544	40.8	-44 24	8.8	FOIII	705
215545	40.8	-47 28	6.8	A(m)	555 sb
				FOIII	713 714
215549	40.9	+29 55	6.5	K1III-IV	185 399 469 475 714
215571	41.0	-45 34	8.3	F5IV	705 713
	41.1	+56 05	9.1	N	6 765 v
+59°2564	41.2	+59 22	9.2	R	93
215605	41.3	+57 20	9.4	B2:IV:nne	251 257
215606	41.3	+56 37	7.9	A(m)	181 559
240047	41.4	+56 55	9.8	B2III	251 257
215627	41.4	-42 13	7.4	K3III	705 713
215648	41.6	+11 40	4.2	B8V	738
				F6III-IV	30 45 296 529 530 758
				F7V	65 97 112 156 287 299 304 653 665 714 725 106
				F7V+M1	677
215657	41.6	-45 29	7.5	G3IV-V	705 713
215661	41.7	+67 36	8.6	B7+FOV+A5V	16 765 v
				A2p	368 555
215665	41.7	+23 02	4.1	G8II-III	53 199 299 469 475 106
				G8III	15
215673	41.8	+54 33	10.2	R5	308 v
				R6	6
+42°4498	41.8	+43 07	9.5	A7(p)	555
215721	42.1	-20 08	5.4	G7III	645
215732	42.2	+29 22	8.3	K3III	659
215733	42.2	+16 43	7.2	BO,5III	495 692
				B1II	135 217 251 377
				B1II-III	486

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	22h				
+55°2808	42.3	+55 48	10.0	B2III	251 257 486
215763	42.4	+02 22	8.0	F9V	38
215772	42.5	+46 39	8.2	F5V	38
215789	42.5	-51 51	3.6	A2V	456 460 641 645 v
				A3V	439 705
215806	42.7	+57 46	9.2	BOIb	251 257 486
215807	42.7	+53 25	8.7	F2II	51
				F5II	384
215812	42.7	-04 45	6.7	G5V	253
				G5V+dG3	714
215835	42.9	+57 33	8.6	O6	115 141 v
				O6n	135 139 251 257 729
				O6nn	74 76 598
				O6+O6	182 765
				O5,0+O5,5	273
215836	42.9	+55 54	9.2	B1II	251 257 486 v
240068	43.4	+57 58	9.1	BOIII	257 486
215944	43.7	+27 36	8.2	F8V	659
	43.8	+56 45	10.2	B(0)ne	3
				BO:III:pe	257
215953	43.8	+49 03	7.2	M3III	38
215956	43.8	+28 12	8.7	GOV	659
216014	44.2	+64 32	7.0	BO,5III	125 765 v
				BO,5III +	
				BO,5III	766
				BO,5V:nn	251 257
216032	44.3	-14 07	4.1	MOIII	645
216042	44.4	-33 20	6.4	F2IV	457 705
216044	44.5	+54 36	8.5	BOII	251 257 486
216054	44.5	-42 01	7.8	G5V	457 705
216085	44.8	-16 50	8.3	F3IV	38
216092	44.9	+47 24	8.1	B1V	63 109 220 251
216131	45.2	+24 04	3.7	G8III	71 101 131 535 758
				G8III-III+	145
				G8IV	15
				KOIII	53 97 299 469 475 714
				M2III	8
216140	45.3	+28 45	8.9	A(m)	555
216149	45.3	-39 41	5.4	MOIII	645
SX Peg	45.5	+17 22	8.7	Se	259 v
				S4,9e	98 765
216174	45.6	+55 22	5.6	K1III	15
216200	45.8	+41 26	5.8	B3IV:	63 109 131 220 512 665 v
216206	45.9	+50 09	6.4	G4Ib	42 48 399 469 475
				G8Ib	15
+42°4511	45.9	+42 45	9.5	A0(p)	555
+61°2352	46.0	+61 48	10.0	B5Ib:	257
216228	46.1	+65 40	3.4	KOIII	8 758
				K1III	53 101 156 299 469 475 479 535 653 687 714 106
216248	46.3	+58 08	9.9	B3II	257 486
+17°4819	46.5	+17 35	8.9	M5II-III	2 765 v
216331	47.0	+29 30	7.9	G5II	659
216336	47.0	-33 24	4.5	AOV	458 474 705 714 v
216380	47.4	+61 10	6.1	G8III-IV + G2IV	313
216385	47.4	+09 18	5.3	F6V	45 sb
				F7IV	112 646 106
				F7IV+M4	714
216386	47.4	-08 07	3.8	M2III	178 645 v
216411	47.6	+58 28	7.2	B1Ia	42 48 71 131 135 141 173 251 257 399 455 531 598 642
216435	47.7	-49 08	6.3	G3IV	705 713 714
216437	47.7	-70 36	6.1	G1V	645
216438	47.8	+53 11	8.4	B1II	141 251 257 486
216446	47.9	+82 37	5.0	K3III	53 71 101 131 535 714 106
216457	47.9	-19 08	10.0	F2II	369 765 v
216465	48.0	+28 54	9.1	F5V	659
216489	48.2	+16 19	5.7	K1III	652 sb
216502	48.3	+26 28	7.8	K2III	659
216510	48.4	+44 49	7.7	K2Ib-II	387
+61°2355	48.6	+62 09	9.6	B8III:	190 486
216532	48.6	+61 54	8.0	O8	74 135 141 190 251 257 139
+61°2357	48.6	+61 32	9.9	BO,5V:	190
216533	48.6	+58 17	7.9	A2p	174 555
216534	48.6	+49 20	8.0	B3V	63 109 220 379 599
216538	48.6	+39 37	5.2	B6III	194
+62°2125	49.0	+62 53	9.0	B1V	190 486
216586	49.0	+28 06	7.6	K1III	659
216598	49.1	+37 23	8.6	KOV	125 v
				G3p+G3p	765
216627	49.4	-16 21	3.5	A2III	299 439 472
				A2V	641 645 705
				A3V	458 714 27
216629	49.4	+61 36	9.3	B2pe	257
				B3e	28
216632	49.4	+27 29	7.8	F8V	659
216640	49.4	-16 48	5.6	K2III	257 714 v
216646	49.5	+39 51	5.9	KOIII	15
216649	49.5	-07 30	10.8	R3	6
				R5	308
216658	49.6	+61 36	8.9	BOV	74 190 251 257
216672	49.7	+16 24	6.5	S5,1	98 140
	49.8	+62 39	10.4	B8:III:	190
216684	49.8	+43 00	7.8	B3V	63 109 220
216685	49.8	+28 50	8.9	F8V	659
216711	50.0	+62 04	9.1	B1V	74 190 251 257
216723	50.1	+27 28	7.3	G8III	659
216735	50.2	+08 17	5.0	A1V	81 287 472 508 714 732
				B9,5Vp	71
216743	50.2	-43 05	7.3	A1Vn	457 705
+61°2365	50.3	+61 54	9.2	BO,5V	190 486
216770	50.5	-27 10	8.2	K1V	705 713
216777	50.6	-08 21	8.9	G6V	253 296 514
+61°2366	50.7	+62 06	9.7	BO,5V	190 486
216803	30.8	-32 06	6.5	K4V	646
				K5V	457 677 705
+55°2840	51.0	+55 51	10.0	O7	74
				O7,5p	139 251 257
216823	51.0	-48 30	5.9	A(m)	422 555
216831	51.1	+35 50	5.6	B7III	194
	51.2	+62 09	10.9	B9V	190
216851	51.3	+43 02	7.7	B3V:n	63 109 512 220
+61°2369	51.5	+61 49	9.3	B9V	190
+56°2903	51.6	+57 04	10.1	BO,5:IV:	251 257
	51.7	+62 19	11.4	B8V	190
+61°2127	51.8	+61 38	10.2	B1,5V	190
216898	51.8	+61 46	8.0	O8	48 190 251 257 595 139
216913	51.9	+53 41	11.7	N	6 v
216916	51.9	+41 04	5.5	B2III	665 v sb
				B2IV	63 102 109 197 220 350 352 360 512 728 729 765
216926	52.0	+62 55	8.9	B9III:	190 486
216927	52.0	+58 22	8.0	B9Ia	74 141 251 257
+55°2840	52.0	+55 52	9.4	O7	76
316946	52.1	+49 12	5.1	K5Ib	15 42 145 178 399 469 475 479 v
216956	52.1	-30 09	1.2	Ap	516
				A3V	287 288 295 299 439 444 449 457 472 529 530 598 641 645 646 665 677 705 714 725 758
216965	52.2	+14 53	8.0	FOp	100
216989	52.3	-45 42	7.7	FOV	457 705
+63°1907	52.5	+63 56	9.1	B1Ia	251 257 486
217014	52.5	+20 14	5.6	GO	287 v
				G4V	154 177
				G5V	677
				G8Ib	15
217019	52.5	+03 15	6.2	K1III	117 714
217035	52.6	+62 19	7.8	BOV	74 190 251 257 486
+46°3884	52.6	+46 39	9.5	FO(p)	555
217050	52.7	+48 09	5.2	B2:p	105 v sb
				B2pe	118
				B3pe	765
				B5ne	77

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	22h				
217061	52.8	+62 05	8.8	B1V	74 190 251 257 486 598
217072	52.9	+55 09	8.8	B8p	555
217086	53.0	+62 12	7.6	O5	190 257 642
				O6	251 595
				O7	74 115 598
217101	53.1	+38 48	6.1	B2IV-V	63 109 131 197 220 512
217158	53.5	+84 31	7.1	M4III	469 765 2 v
+62°2142	54.2	+62 50	9.0	B3V	190
217227	54.2	+43 18	7.0	B2:V	63 109 220 512
217230	54.2	+26 57	8.1	G8III	659
217232	54.2	+11 12	5.7	FOV	456
+62°2143	54.4	+62 51	10.6	B8-AOV	190
217276	54.5	-16 56	8.0	GOV	38
217294	54.7	+77 58	7.7	G8IV+F8V	313 714
217297	54.7	+63 10	7.4	B1,5V	251
				B1V	190 486
	54.8	+63 12	11.2	B9V	190
217312	54.8	+62 32	7.4	BOIV	190 251 257
	54.8	+29 32	10.2	G5V	659
217364	55.0	-53 17	4.2	G5III	641 645 705 714
+68°1345	55.1	+68 29	8.7	KOV	253 296
217382	55.2	+83 49	5.0	K4III	53 131 458 508 714 106
+62°2150	55.4	+62 19	9.8	B1,5V:n	190
+62°2151	55.4	+62 16	9.8	B8V	190
+63°1911	55.8	+63 18	10.7	B5V	190
217463	55.8	+62 14	8.9	B2V	257
				B8II?	190
+56°2923	55.9	+56 24	5.5	G0Ia	42 47 48 51 65 101 131 384 399 469 535
				G2Ia	15
217479	55.9	+15 07	8.1	K3III	100
217490	56.0	+59 05	8.7	B0,5Ia	251 257 486
	56.1	+60 24	11.5	WN8	321
+45°4114	56.1	+45 30	8.5	A0(p)	555
+62°2153	56.4	+63 11	10.0	B9-AOV	190
217559	56.4	+14 20	7.1	KOIII	100
+62°2154	56.5	+63 00	9.3	B1V	190 486
217576	56.6	+28 10	8.3	KOIII	659
217577	56.6	+18 44	8.0	G2V	38
217580	56.6	-04 23	7.6	K4V	38 677
	56.7	+62 14	11.2	B8-AOV	190
217595	56.7	-45 50	7.2	F5V	457 474 705 714
217602	56.8	+15 25	8.4	A0p	100
217673	57.3	+56 34	6.2	K1III	117
				K2II	387 469
+45°4121	57.3	+45 21	9.5	R8(C_3)	6 v
217675	57.3	+41 47	3.6	B6p	105 729 v sb
				B6pe	118
				B6+A2p	765
240160	57.4	+56 27	10.0	O9	139 251 257
217694	57.4	+50 18	7.4	K4III	38
+56°2929	57.5	+56 30	10.3	B2V:nn	251 257
217717	57.5	+15 18	9.0	F5III	100
217732	57.6	+15 42	6.7	FOIII	100
+56°2930	57.8	+57 00	9.7	B1IV	251 257
217766	57.8	-43 37	7.8	F8V	457 705
	57.9	+28 40	9.6	G2V	659
217771	57.9	+14 44	9.3	F5III	100
+56°2931	58.0	+56 39	10.1	O9,5V	139 251 257
217786	58.0	-00 58	7.7	F9V	38
217792	58.0	-35 17	5.1	FOIV	318 456 645 sb
				FOV	641
240168	58.2	+56 04	9.2	B1III	251 257
217811	58.2	+43 31	6.3	B2V	63 109 220 512
217816	58.2	-46 42	8.1	F6IV-V	457 705
217819	58.3	+15 31	8.6	K3III	100
217831	58.3	-69 22	5.6	F2IIIp	456
240171	58.5	+56 36	9.9	B1V	251 257
+15°4754	58.8	+15 34	11.3	K3III	100
217891	58.8	+03 17	4.6	B5-8eV	122
				B5pe	105 118
				(B5)V	584 719
				B5Ve	641 705
217906	58.9	+27 32	2.3	M2II-III	131 142 145 178 259 282 370 714 138 v
				M2II-IIIe	765
				M2III	472 641
217910	58.9	+15 18	9.3	KOIII	100
217919	59.0	+63 10	8.3	BOIV:n	190 251 257
+15°4755	59.0	+15 23	10.9	K5III	100
217949	59.2	+14 46	8.9	G2V	100 v
217979	59.4	+63 01	8.6	B1V	190 486
+57°2678	59.4	+57 46	9.8	B0,5V	257
	59.4	+28 18	9.4	G2V	659
217987	59.4	-36 26	7.4	M2V	457 519 677 705 714
217988	59.4	-43 34	7.7	K3IV	711
	59.5	+27 17	9.8	GOIV	659
236031	59.6	+53 39	8.7	A0pe	28
218029	59.7	+66 40	5.5	K3III	53 101 469 475 535 687 106
218031	59.7	+49 30	4.9	KOIII	15 53 101 469 475 535 714 106
218045	59.8	+14 40	2.6	B9,5III	81 194 299 665 732
				B9,5V	665 773 v sb?
				B9V	78 82 94 126 131 152 172 287 439 444 456 529 530 641 646 714 725 734 738 758
218060	59.9	-08 14	5.8	F2V	456
	23h				
218066	00.0	+62 51	7.6	B1:V:	190 251 257 v
				B3+B3V	766
218081	00.1	-08 18	7.6	G8III	38
218101	00.2	+16 02	6.4	G8IV	253 469 471 475 714
218103	00.2	+00 46	6.4	G9III	117 614
218113	00.3	+27 40	8.6	K5III	659
218132	00.4	+15 40	8.6	KOIII	100
+62°2166	00.6	+62 49	9.4	B1V	190 486
218153	00.6	+25 29	7.9	G8II	659
218159	00.6	-16 00	8.1	F3V	38
218170	00.7	+28 29	7.4	M2III	38 659
218195	01.0	+57 43	8.3	O8	139 251 257
218199	01.0	+30 11	8.3	K1II	659
218227	01.2	-44 04	4.3	F6IV	457 705 714
+61°2389	01.3	+62 10	9.9	B8V	190
218234	01.3	+18 27	7.6	G8III	38
218242	01.3	-39 26	5.5	AOVn	705 710
				A1V	456
218323	02.0	+63 46	7.6	B0,5II	190 251 257 486
218325	02.0	+46 23	8.0	B3V	63 109 220
218329	02.0	+08 52	4.5	M2III	65 178 282 287 472 714
218342	02.1	+62 41	7.4	BOIV	131 190 251 257 486
218344	02.1	+50 33	7.2	B2V	63 109 220 512
218347	02.1	+15 44	9.3	F5V	100
				F7V	253
218356	02.2	+24 56	5.0	KOIbp	131 178 399 v sb
				KOIIp	53 469 475 535 106
				KOII-III	652
				K1II-III	659
				K1Ib	15
				KOpII	259
				G8Ib	82 758
218367	02.3	+14 44	10.4	K2III	100
218375	02.4	+60 55	6.7	F2II	51
				F5V	384
218376	02.4	+58 53	4.9	B0,5IV	131 141 197 251 257 687 719
				B1III	507 529 530 531 665 698 728 729 732
218393	02.6	+49 40	6.8	Bpe	47
218395	02.6	+32 18	6.0	A3V +	194
				KOIV	469
+55°2899	02.7	+55 28	10.2	B1IIIp	251 257
236044	02.7	+54 13	9.6	B1V	251 257
218407	02.7	+45 33	6.6	B2V	63 69 220 512 109 sb
218416	02.8	+52 17	6.0	KOIII	117
218439	03.0	+60 18	7.6	A2p:	181 559
218452	03.1	+45 51	5.3	K5III	458 469 714 27

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	23h				
218454	03.1	+29 54	7.5	K4II	659
218470	03.2	+48 45	5.8	F5V	15
	03.6	+29 55	9.3	G8III	659
218527	03.6	+01 35	5.6	G8IV	15
	03.8	+63 20	10.4	B8V	190
218594	04.1	-21 43	3.8	KOIII	641 705 714
				K2II	645
218600	04.2	+56 23	8.7	F2Ib	51
				F2Ib+A	384
218610	04.3	+26 23	7.6	K2III	659
218630	04.4	-43 24	5.7	F6V	456 705
+58°2549	04.5	+58 35	10.3	BOIII	257
218634	04.5	+08 08	5.4	M4S	98 v
218658	04.7	+74 51	4.6	GOIII	15 sb
				G2III	112 287 687 714 758 106
218660	04.7	+29 08	6.5	K1III	117
				K2III	659
218670	04.7	-45 47	4.1	KOIII	641 645 705 714 sb
218674	04.8	+49 07	6.5	B3IV	63 109 220 512 sb?
218687	04.9	+13 54	7.7	GOV	100
+60°2493	05.4	+60 56	9.4	B0,5pe	257
				Be	28
218753	05.4	+58 47	5.6	A5II	665
218803	05.8	+56 55	7.1	K2III:+F	387
218804	05.8	+43 00	6.0	F5IV	251 714 736
218851	06.2	+45 46	10.1	R2	6 308
218852	06.2	+30 37	7.6	G8III	38
218875	06.3	-21 32	9.2	R0	6
				R2	308
218880	06.4	+29 31	8.3	KOIII	659
218915	06.7	+52 31	7.2	O9	76
				O9I	42 48 135 139 141 251 257 729 758
+52°3383	06.7	+52 29	9.3	F8V-F7V	125 v
				F8+(gG8)	534
218918	06.7	+08 11	5.1	A2V	456
218928	06.8	-12 29	7.0	KOIII + KOIII	313
218935	06.9	+26 18	6.4	KOIV	15
+59°2664	07.0	+60 03	9.7	B1,5II	257
218942	07.0	+52 21	9.1	M6II	2 v
219066	07.9	-00 30	7.7	G6III	38
219077	07.9	-63 14	6.2	G5IV	705 713 714
219080	08.0	+48 51	4.6	FOV	112 299 472 726 sb
219113	08.3	+02 08	8.2	K1III+A	125 765 v
				K1IV+F8V	766
219134	08.5	+56 37	5.6	K3V	15 55 65 71 83 94 101 142 156 177 178 287 288 296 304 469 475 509 597 653 665 677 714 725 726 758 145 v
219135	08.5	+56 00	7.6	GOI:	51
				GOIb	384 399
219175	08.6	-09 28	8.3	F9V	296
				F9V+G3V	253 514 714
-9°6150	08.8	-09 29	10.0	G3V	296
219188	08.9	+04 27	6.9	B0,5III	135 197 217 251
219215	09.2	-06 35	4.3	M2III	645
219249	09.3	-57 17	8.0	G5V	457 705
219263	09.4	-41 39	5.8	K2III	645
219287	09.6	+58 51	8.9	BOIa	251 257 642
219339	09.9	-25 24	7.1	A5V	705 710
240233	10.0	+60 12	9.1	B9V	665
+60°2504	10.1	+61 01	9.7	B8V	665
219409	10.4	-30 24	6.5	K1III	457 705 714
	10.5	+59 01	10.7	BOIII	110
219418	10.5	+25 08	6.7	G5III	659
219436	10.6	-39 49	8.2	A1V	705 710
219449	10.7	-09 38	4.5	KOIII	53 299 645 106
				KOIII+dK6	391 714
219460	10.8	+59 55	9.2	*N5	48 321 538
				WR	257
219482	10.9	-62 33	5.7	F8V	457 705 645 714
+61°2408	11.1	+61 32	9.7	BOIII?p?	257
219497	11.1	+34 09	8.0	F6IV	38
219509	11.1	-67 27	8.9	K5V	705 713 sb
219538	11.4	+30 07	8.1	K2V	659
219571	11.6	-58 47	4.1	FOIII	641 645
				F2III	705
				F2IV	714
+60°2510	11.8	+61 06	9.2	A5V	665
				F6V	554
+60°2511	11.9	+61 01	9.0	AOV	554 665
+61°2472	12.0	+62 12	9.6	B5Ib	257
219615	12.0	+02 44	3.8	G5III	15 62
				G7III	101 131 158 469 535 646
				G8III	53 97 178 203 287 296 299 475 714 106
				KOIII	641 705
219617	12.0	-14 21	8.3	F8IV	646
+61°2414	12.3	+61 17	9.2	FOV	665
+59°2689	12.3	+59 23	10.1	AOV	665
240244	12.4	+59 08	9.0	A3V	665
219654	12.4	+29 20	7.9	M1III	659
240245	12.5	+59 25	9.0	B8V	544 665
219688	12.7	-09 44	4.6	B3V	486 596
				B5V	486 596 126 152
+63°1962	12.8	+63 15	8.4	B1III	251 257
	12.8	+61 20	10.2	BO,5Ib:	257
219709	12.8	-58 51	7.3	G2V	457 705
	13.0	+59 29	10.9	BO,5V	257
+63°1964	13.1	+63 34	8.5	BOII	251 257
219736	13.1	+29 54	6.8	K1III	117
				K2III	659
219749	13.2	+44 57	6.3	B9p	555 v
219761	13.2	-47 59	6.7	AOV	705 710
219765	13.2	-88 02	5.5	K2III	645
219784	13.4	-33 05	4.5	G8III	645
240248	13.6	+60 07	8.8	B9V	554 665
240250	13.6	+59 19	8.8	B9Iab	251 257
				B9Ib	554 665
219800	13.6	+27 04	7.1	KOIII	659
240253	13.7	+60 06	8.7	A1V	665
240252	13.8	+59 37	9.9	A2V	554 665
219828	13.8	+18 06	8.0	GOIV	38
219829	13.8	+04 52	8.1	KOV	253 459 471 509 714 sb
219832	13.8	-10 09	5.1	AOV	456 641 645 705 v
219834	13.8	-14 00	5.3	G5IV	53 471 106
				G5IV -V + K2V	313 714
219854	14.0	+58 56	8.0	A9III	554 665
219855	14.0	+57 38	8.0	B9p	26 555
+62°2210	14.3	+62 56	8.4	B9Ia	251 257
240255	14.3	+58 37	9.1	B9,5V	665
219916	14.5	+67 34	4.9	KOIII	53 287 469 475 687 106
				KOIII+F6V	313 714 v
240256	14.5	+59 52	8.7	B3Ia	665
219927	14.6	+34 15	6.1	B5IV	194
+60°2519	14.7	+60 59	8.7	F4V	554 665
219945	14.8	+48 05	5.4	KOIII	101 469 475 535 106
219953	14.9	+28 20	8.8	K1V	253 296
219962	15.0	+47 51	6.4	K1III+ K2III	62 253 469 475 714
219978	15.1	+62 11	7.1	K5Ib	387 469 v
220002/3	15.2	-50 51	6.1	Am	422
220008	15.3	+06 19	7.8	G4V	38
220009	15.3	+04 50	5.2	K2III	53 469 475 106
220016	15.4	+59 05	8.0	B3V	554 665
+60°2520	15.6	+60 48	9.7	B3III	665
220057	15.7	+60 36	6.8	B2IV	554 665
220061	15.7	+23 12	4.6	A5IV	112 714
220096	15.9	-27 32	5.8	G4V	645
220102	16.0	+59 44	7.2	F2V	665
				F5II	554 562
240264	16.1	+59 54	10.0	B8V	554 562 665
220116	16.1	+57 43	8.7	BO,5Vpe	251 257 486
+60°2522	16.2	+60 38	8.7	AlIa	665
				O7	595
				O7f	139 251 257 598 687

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	23h				
220140	16.3	+78 27	7.7	G9V	38
220147	16.4	+61 52	7.6	B9p	26 555
+60°2522	16.5	+60 40	8.7	O9	554
220167	16.6	+59 55	7.4	K1III	562
				K1IV	471 554 665
220172	16.6	-10 18	7.5	B3Vn	217
240267	16.7	+59 15	9.3	A5V	554 562 665
+58°2580	16.7	+58 25	10.1	BO,5V:	257
240271	16.9	+57 49	9.0	B9III	665
220222	17.0	+31 16	5.4	B3V	194 sb
+60°2525	17.3	+60 18	9.6	BOIII-IV	251 257
				B3II	665
	17.5	+59 25	10.2	B6V	665
220286	17.5	+28 53	8.6	GOIV	659
220288	17.5	+25 22	8.4	K3III	659
+59°2707	17.7	+59 49	9.8	B9:V:	257
220318	17.7	+20 16	6.2	B9,5IV	194 sb?
220321	17.7	-20 39	4.2	KOIII	645
+59°2708	17.8	+59 53	9.8	B9V	562 665 554
220363	18.0	+11 46	5.3	K3III	53 469 475 714 106
220369	18.1	+59 35	7.2	K3II	554 562 665
	18.4	+61 35	10.8	O8(f)	139 257
+60°2529	18.9	+61 10	9.0	A7III	665
				F2IV	554
	19.1	+55 26	9.5	R8	6
220512	19.2	+03 09	6.6	K2III+F3V	313
240284	19.3	+58 38	8.6	B9,5V	554 562 665
+60°2531	19.5	+60 45	9.3	F7III	554 665
240287	19.7	+58 40	9.9	B9V	554 562 665
+60°2532	19.8	+61 02	8.4	F7Ib	390 399 554 665
240289	19.9	+58 24	9.8	F6V	554 665
+60°2533	20.0	+60 37	8.6	B9III	554 665
220599	20.0	+31 50	5.5	B9III	194 714
240290	20.1	+58 52	9.6	AOV	554 562 665.
+60°2533	20.2	+60 36	8.7	B9III	665
240293	20.2	+59 32	9.3	B9V	554 562 665
240295	20.3	+59 47	9.8	F2V	554 562 665
220639	20.3	+54 33	7.6	G8II-III	387
220647	20.3	-38 19	9.0	FOIII	705
				FOV	710
220657	20.4	+22 51	4.4	F8III	45 758
				F8IV	65 83 101 112 156
					299 458 469 508 535
					646 653 714 106
				GOIII	15
220684	20.6	+25 39	8.4	G8III	659
220704	20.8	-21 12	4.4	K5III	458 714 27
+59°2719	20.9	+60 06	10.6	B2III:	257
240296	21.0	+57 55	9.5	A6III	554 665
220729	21.0	-53 17	5.5	F3IV	456 641 645
220760	21.3	+59 07	8.8	B9V	554 562 665
220770	21.4	+60 53	7.8	A5Ia	554 665
				A5Ib	251 257 687
				A2Iab	671
220819	21.8	+60 32	6.7	A6II	671 (181:A5II)
				FOII	554 665
220825	21.8	+00 42	4.9	A2p	81 174 299 555 v
				Ap	516
				A3s	705 287
220832	21.9	+58 45	9.3	A4V	554 562 665
240299	22.1	+58 13	9.2	F8V	554 665
220870	22.2	+48 58	9.7	N	6
220881	22.2	-27 50	7.5	FOIII	457 705
+61°2452	22.3	+61 16	10.2	A5Ib	665
+58°2594	22.4	+58 50	10.2	B8V	554 562 665
+60°2542	22.6	+60 50	8.8	AOIa	554 665
				AlIab	671
				A2Ib	251 257
220933	22.7	+24 37	5.9	AOIII	194 714
+59°2727	22.9	+59 52	10.1	A3III	665
220954	22.9	+05 50	4.4	K1III	53 178 287 469 475
					535 705 714 106
240305	23.0	+60 02	9.5	AOIII +	
				K1II-III	313 sb
				A1V	554 562 665
220999	23.3	+59 08	7.7	A7III	554 562 665

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	23h				
+60°2546	23.4	+60 18	9.8	AOIa	554 562 665
				A2Iab	671
+60°2548	23.5	+60 49	9.8	B9V	554 665
221038	23.6	+60 55	7.9	A7II	554 665
				A7III	665
+60°2549	23.6	+60 36	9.4	B7V	554 665
221039	23.6	+59 31	8.5	KOII	554 562 665
+60°2551	23.8	+60 39	9.9	B8V	554 665
+60°2552	23.8	+60 15	10.1	B9V	554 562 665
+58°2597	23.8	+59 01	11.1	AOp	562
				A2Iab	671
221098	23.9	-48 57	7.8	Am	705 710
+60°2553	24.1	+60 45	10.1	B2II	257
221113	24.1	+22 31	6.4	G9III	117
221115	24.1	+12 13	4.4	G8III	53 469 475 535 714 101
+60°2554	24.3	+60 17	10.1	A5Ia	665
				F2V	554 562
221133	24.3	+25 16	7.9	K2III	659
221143	24.4	+60 53	8.8	A2V	554 665
221148	24.4	-05 05	6.3	K3III	253 714 v
240308	24.5	+59 13	7.8	B6III	554 665
				B6V	562
221170	24.6	+29 53	7.6	GOV	659
				G2IV	253 462
240312	24.9	+59 04	8.7	B2V	554 562 665
221237	25.2	+58 01	7.1	A1V	554 665
221247	25.3	+30 49	8.2	F2V	38
221253	25.4	+58 00	4.9	B2V	665 sb
				B3V	15 125 131 200 598
					687 697 729 765 130
+59°2735	25.5	+59 18	9.9	BOIb	257
+60°2562	25.6	+60 22	9.3	B9V	562 665
221275	25.6	-35 40	8.1	KOV	705
240317	26.0	+59 57	9.6	F5V	554 562
221323	26.0	-45 24	5.9	KOIII	645
221335	26.2	+57 51	8.2	A(m)	554 559
				A7II	665
+42°4690	26.2	+42 43	11.3	Se	259 v
				S65,5e	98
221345	26.3	+38 42	5.3	G8III	142 253 714
				KOIII	53 62 101 199 469
					475 535 106
221354	26.4	+58 37	6.7	KOV	253 296 459 471 475
					509 687 714 469
				K1IV	554 562
+59°2738	26.5	+59 42	10.3	F5V	665
221364	26.5	+28 07	6.4	KOIII	117 659
221393	26.7	+58 53	7.6	K5III	554 562
				MOIII	665
221406	26.8	+60 55	8.6	A1V	554 665
221438	27.1	+59 59	9.1	A3V	554 562 665
221439	27.1	+58 33	7.7	KOIb	554 562 665
				K1pIII:	387
240322	27.2	+58 14	9.3	A2V	554 665
+60°2569	27.3	+60 31	9.4	B9V	665
221469	27.3	+26 00	8.1	F8IV-V	659
221477	27.4	+34 47	8.1	F8V	38
221478	27.4	+25 58	8.1	G8II-III	659
	27.5	+60 12	12.4	B7Ib	671
221507	27.6	-38 22	4.5	B9p	174 555 714
				B9(Mn)	641 646
				B9III	456
				B9IV	705
				B9VMn	645
+61°2472	27.8	+61 40	10.7	B6Ia	671
221568	28.1	+57 21	8.0	AOp	26 555
221584	28.2	+62 44	8.0	F7V	38 687
221585	28.2	+62 36	7.4	G8IV	253 469 471 475 687
	28.2	+61 28	9.5	WN6:	321
221639	28.7	+59 52	7.3	K1V	554 562 665
240329	28.7	+58 46	9.0	F6III	554 562 665
221670	29.0	+59 54	7.4	G8III	562
				G8V	554 665
221671	29.0	+59 29	7.7	AOII	554 665
				AOV	562
221673	29.0	+30 46	5.2	K4III	53 469 475 106 sb

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	23h				
221675	29.0	-01 48	6.0	A(m)	555
221700	29.3	+07 22	9.0	A3+(gK8)	534 v
				A3V+KOIV	104
240331	29.5	+59 15	9.4	A4Ib	554 665
221741	29.6	+60 53	8.6	A3V	554 665
221756	29.7	+39 41	5.5	A2III	194(27:A1V)
221760	29.7	-43 10	4.8	Ap	516 v
				A2p	174
				A2V	645
221777	29.9	-08 14	7.4	K4III	38
221782/3	30.0	+51 28	8.9	B8p(m)	555 sb
+60°2580	30.1	+61 06	9.8	AOV	554 665
221818	30.2	-47 30	8.6	G8V	457 705
221830	30.4	+30 27	6.7	F9V	62
				G2V	253 296
221839	30.4	-28 03	6.7	GOIV	457 705
+60°2581	30.5	+60 51	10.6	B3V	257
221861	30.6	+71 05	5.7	KOIab	399
				KOIb	117 469
+68°3181	30.8	+68 40	10.5	A7II	671
240335	30.8	+59 13	9.8	F7V	554 562 665
221886	30.8	+58 22	8.4	A2II	554 665
221900	30.9	+60 49	8.6	F3V	554 665
+60°2582	30.9	+60 22	8.7	A2Ib	665
				B7Ia	671
				B8Iab	251 257 554 687
+60°2584	31.0	+60 38	10.3	B1pe(III-V)	257
221913	31.0	+50 43	7.2	M1III	38
221914	31.0	+17 53	8.0	G5V	253 296 714
221935	31.2	+60 21	8.5	B7III	562
				B7IV	554 665
221943	31.2	-45 27	7.2	A7III	705 713 714
+58°2620	31.4	+58 31	10.0	B6V	665
+60°2587	31.5	+61 15	9.6	B5V	665
240338	31.5	+58 14	9.7	B8V	554 665
+60°2590	31.9	+60 40	9.2	B9V	554 665
222013	31.9	-46 02	9.5	KOV	705 713
+58°2622	32.1	+58 44	10.3	B8V	665
222033	32.1	+30 07	7.2	GOV	659
+60°2591	32.3	+60 50	9.5	B8V	665
	32.3	+25 13	10.0	G8III	659
+60°2593	32.4	+60 52	8.8	A2V	554 665
222095	32.5	-46 03	4.8	A2V	456 460 641 645 705
222098	32.6	+16 07	6.2	A2V	194 714 sb
222107	32.7	+45 55	4.0	G8III	342 v sb
				G8III-IV	53 65 156 196 253
					259 269 287 299 370
					469 475 518 653 665
					687 714 725 758 106
				KOIII-IV	652
	32.8	+58 47	9.9	B9,5V	665
222133	32.9	+17 51	5.4	A1V	194
240344	33.0	+59 51	9.2	B5V	554 665
	33.2	+55 30	14.5	Ce	259 v
222173	33.2	+42 43	4.3	B8V	50 81 126 152 172
					665 732 734 738 v sb
240348	33.3	+59 17	10.1	AOII	671
				B9V	554 665
240349	33.4	+58 44	9.3	F5V	554
222218	33.6	+58 06	7.2	K1III	554 665
222226	33.6	-46 10	7.8	FOIV	705 710
	33.7	+25 23	9.8	K1III	659
222237	33.7	-73 15	7.1	K3V	287 457 677 705
222241	33.8	+35 13	8.3	R3e(C31)	6 v
				Ce	259
222275	34.1	+61 35	6.7	A3II	671
222317	34.4	+27 41	6.9	G5V	659
222332	34.5	-23 05	7.2	A1V	705 710
222366	34.8	+58 26	7.7	KOV	554 665
222368	34.8	+05 05	4.3	F7V	65 71 94 112 156 106
					287 288 304 535 646
					653 665 677 705 714
					725 726
				F8IV	15 41
				F8V	45 51 78 83 296
222390	35.0	+26 59	8.0	K1III	659
222391	35.0	+26 17	7.6	GOIII	659
222404	35.2	+77 04	3.4	KOIV	15 v
				K1IV	41 53 65 101 145 106
					156 178 196 259 287
					362 512 535 653 665
					677 687 714 725 726
					758
222412	35.2	-26 45	7.6	F6IV	457 705
222433	35.4	-32 38	5.3	KOIII	457 705 714 v
				K1III	645
222439	35.5	+43 47	4.3	AOIV	641
				B8V	81 687
222448	35.6	+75 10	8.0	F2IV	15
+60°2600	35.6	+60 48	9.2	B9V	554
222455	35.6	-00 08	7.4	K3III	253
222480	35.8	-32 38	7.1	G5IV	457 471 705
222508	36.1	-42 08	7.8	F7V	457 705
222514	36.2	+57 17	7.2	A(m)	181 559
222561	36.5	-18 20	8.7	A3p	313
222568	36.6	+67 48	8.1	B1IV	251
222574	36.6	-18 23	5.0	GOIb	313 v sb
				GOII	42 47 131 399 646 106
222576	36.6	-42 50	7.3	K1III	705 713 714
222603	36.9	+01 14	4.6	A7V	71 112 299 458 472
					714
222618	37.1	+56 43	6.1	G8III	117 714
222643	37.3	-16 00	5.4	K4III	53 106
222647	37.4	+60 56	8.6	B7V	665
222655	37.4	-41 48	9.7	G8V	705 713
222661	37.5	-15 06	4.4	B9V	456 641 645
				(B9.5V)	71 126 131 152 289
					646 705
222670	37.6	+63 58	6.8	M2III:	387
222688	37.7	-46 52	6.8	G8IV	705 713 714
222741	38.1	-42 10	8.4	F8V	615 705 465
240372	38.4	+58 27	9.8	B8Ib	671
	38.6	+60 57	9.8	BO,5IV	257
222794	38.6	+57 30	7.0	G2V	253 296 714
222800	38.6	-15 50	6.7	M7ep	259 v
222803	38.6	-45 39	6.1	G8IV	457 471 705 714
222804	38.6	-46 01	7.2	K3III	705
	38.7	+61 23	11.9	WR	321 671
222820	38.7	-64 58	5.7	K3II	645
	38.9	+30 11	9.7	GOV	659
+61°2509	39.0	+61 36	8.4	BO,5Ib	74 251 257 486 687
222841	39.0	+45 23	8.9	AO(p)	555
222842	39.0	+28 49	5.0	KOIII	53 469 475 106
222847	39.0	-18 50	5.2	B8V	456 460 641 645
222853	39.1	+58 11	8.1	A2p	181 559
	39.2	+61 14	9.5	WN8:	321
	39.7	+61 35	11.0	A4Ib	671
+60°2615	39.9	+61 07	9.1	BO,5Ib	74 251 257 687
	39.9	+24 55	9.4	KOV	462
222928	39.9	-01 13	7.3	K5III	38
222935	40.0	+29 01	8.9	K1V	253 296 714
222987	40.5	-41 38	8.8	A7V	705 710
223019	40.8	+25 47	7.8	K3III	659
223024	40.8	-19 14	5.4	FOIV-V +	
				FOV	108 vb
+61°2615	40.9	+61 43	10.0	BO,5V	257
				BO,5Ib	486
	41.1	+61 38	12.2	B6Iab	671
223047	41.1	+45 52	5.1	G5Ib	53 399 469 475 479
					687
223065	41.2	-42 07	7.0	A2V	457 705 v
223075	41.3	+02 56	5.3	N	6 714 v
				NO($C6_2$)	1
				NO(C62)	107 646 765
				C6	469
223094	41.5	+28 09	7.3	K5III	659
223110	41.7	+54 36	8.1	F5V	38
223158	42.0	-31 00	8.0	A2V	705 710
223165	42.1	+58 06	5.1	K1III	53 101 469 475 535
					714 106
223173	42.2	+56 54	5.8	K3II	387 399 469
+62°2296	42.4	+62 40	8.6	B3Ia?	251 257 486

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	23h				
223211	42.5	+25 01	7.1	K3III	659
223231	42.6	+26 37	8.8	K2III	659
223238	42.7	+03 36	8.2	G2IV	15
				G2V	253 514 714
+61°2526	42.8	+61 29	8.8	B2Ib	74 251 257 687
223252	42.8	-03 19	5.6	G8III	645
+62°2299	43.1	+62 50	9.6	O8	139 251 257
+61°2529	43.6	+61 26	8.6	B1Ib	74 251 257 486 687
223332	43.6	+27 49	7.4	K5II	659
223352	43.7	-28 41	4.6	AOV	456 460 641 645 705
+58°2651	43.9	+58 58	10.9	B8Ia	671
223385	44.0	+61 40	5.6	A2Ia	671 sb?
				A3Ia+	74 141 153 251 257 392 687
223387	44.0	+56 40	8.8	Bpe	257
223392	44.0	+05 50	8.4	R2	308
				R3(C_{32})	1 6
+1°4774	44.0	+01 52	9.1	M2V	65 78 94 296 665 677 725
223424	44.3	+26 29	7.8	KOIII	659
223466	44.6	-25 54	6.4	A3V	705 710
+28°4211	44.8	+28 14	10.5	Op	65 598
223498	44.9	+02 19	8.4	G5V	15
				G7V	253 714
+66°1646	45.1	+67 06	10.2	B8II	671
223524	45.1	-10 32	6.1	KOIV	645
+41°4339	45.3	+50 51	11.9	B5V	125 v
	45.4	+62 59	10.9	AOIa	671
223633	46.1	-42 56	7.6	F5IV-V	457 705 714
223640	46.2	-19 28	5.3	AOp	174 555
				B9,5p	131
223647	46.2	-82 34	5.1	G7III	645 460
+62°2313	46.9	+62 45	8.8	B3Ib	251 257 486 687
				B7Ib	671
223719	46.9	+02 23	5.8	K3Ib	15
				K4II	145 149 178
223731	47.1	+77 03	6.5	F5V	15
+61°2550	47.3	+61 34	9.3	O9,5II	558
				BOIV	74 251 257 687
223767	47.4	+61 19	7.3	A4Iab	671
				A5I	181
223778	47.5	+74 59	6.5	K3V	15 677 sb
223785	47.5	-19 07	6.7	A2Vn	705 710
223835	47.9	+40 47	7.2	M2III	38
+60°2634	48.0	+60 27	9.1	M2Ia-Ib	2 v
				M2Fab	765
223847	48.0	+58 52	7.8	G7III	38 687
223869	48.1	+25 27	7.7	K1III	659
+61°2559	48.6	+61 52	9.7	O9V	74 76 139 251 257
223924	48.6	+56 16	8.2	B1,5V	251 257 486
	48.7	+61 04	10.8	F4I	671
223948	48.7	-37 58	7.9	A2V	705 710
+62°2320	48.8	+62 40	10.1	B2V	257
223960	48.9	+60 18	7.0	AOIa	141 665
				AOIa+	251 257 486 687
				A2Ia+	671
223963	48.9	-09 51	7.4	M1III	38
223987	49.2	+61 03	7.6	B1Ib	135 251 486
				B1,5Iab	74 141
				B1,5Ib	257 687
				B1II	558
223991	49.2	-27 36	6.3	Am	705 710 sb
				(Am+F2IV)	710
224014	49.4	+56 57	4.4	F8Ia	382 758 v
				F8p	48 (F8-Mp:131)
				FvepIa	259 765
224022	49.4	-40 52	5.9	F8V	456 460 641 645 705 714
224055	49.7	+61 17	7.2	B3Ia	74 141 173 251 257 486 558 687 697
224060	49.7	+18 12	7.6	K3III	38
224068	49.8	+45 13	9.5	AO(p)	555
224085	49.9	+28 06	7.3	KOV	117 259 652 714 sb
				K2III	659
224113	50.1	-32 29	6.0	B5IV	456 457 v
	50.3	+59 11	12.9	B8Ia	671
224151	50.5	+56 53	6.0	BO,5II	197 198 251 257 598
					729 v sb
				BO,5II+BO:	766
224165	50.6	+46 48	6.1	G8Ib	15
224257	51.3	+55 26	8.0	BOIV	251 257 486
+65°1969	51.4	+65 49	10.1	G3I	671
224296	51.5	-42 45	7.9	F5IV-V	457 705 714
	51.7	+60 40	9.8	B1ne	257
+62°2329	51.7	+62 56	10.1	B5V	257
				B8(II)	671
+61°2570	52.0	+61 57	9.3	B9V	558
224360	52.1	-46 40	7.7	F5V	457 615 705
224361	52.1	-63 31	6.0	A2p	456 460 705
224383	52.3	-10 12	8.0	G2V	253 658 714
+66°1661	52.4	+67 00	8.7	O9V	139 251 257
240455	52.5	+59 24	9.0	F6I	671
224421	52.6	-49 58	8.4	F5IV	705 710
224424	52.7	+59 09	7.8	B1Iab	135 141 173 251 257 598 687
224425	52.7	+56 34	7.3	A2:V:	257
224436	52.8	+56 32	8.6	B1II	251 486
+61°2574	52.9	+61 40	9.0	G8pIII	387
WY Cas	52.9	+55 57	8.8	Se	98 v
224458	53.0	+29 24	8.7	G8III	659
+61°2575	53.1	+62 04	9.0	F5Ia	384
				F8Ib:	51
	53.1	+60 39	10.4	F9Ib	211 766 v
	53.2	+60 40	11.9	F8Ib	211 v
				F8Ib-GOIb	766
				GOIb	169 170
224482	53.2	-20 52	8.8	F2V	705 710
	53.4	+60 36	10.4	B1V	760 v
224533	53.6	-04 07	5.1	G9III	53 714 106 sb
				G6III	645
+62°2337	53.7	+63 07	10.2	A2Ib	671
	53.7	+60 36	10.2	B1V	257
+59°2799	53.7	+59 43	9.6	O9V	139 251 257
224554	53.7	-53 19	5.1	K1III	645
+63°2082	53.8	+63 30	10.8	A2II	671
224559	53.8	+45 52	6.5	B3IV	130 687 v
				B3:nne	598
224572	53.9	+55 12	4.9	B1V	105 131 251 486 719 728 729 732 sb
240465	54.0	+56 25	9.2	Ne	6
				Ce	259
224596	54.0	-42 48	6.9	A7Vn	705 710
	54.1	+63 02	11.3	F2I	671
224599	54.1	+59 29	9.5	BO,5:V:pnne	251 257
224610	54.2	+74 15	7.9	A(m)	555
224617	54.2	+06 19	4.0	F4IV	45 287 469 1132
224618	54.2	-17 30	8.5	KOV	253 296
+63°2084	54.4	+63 17	8.9	B3Ia	558
240470	54.7	+58 40	9.9	AOIa	671
224686	54.7	-66 08	4.6	B7V	456 641
				B8V	645
				B8,5V	440 486 705
236265	54.8	+54 45	9.1	A1V	253
+63°2089	54.9	+63 27	10.2	A1Ia	671
	55.1	+61 35	12.1	B6Ib	671
224750	55.2	-44 51	6.3	G3IV	457 705 714
	55.4	+62 08	11.8	B8II	671
224801	55.6	+44 42	6.2	AOp	174 368 555 v
	55.9	+62 02	12.4	B6Iab	671
224834	55.9	-49 22	5.7	G8III	645
224839	56.0	-00 37	8.0	F8V	38
+64°1886	56.1	+64 27	10.5	A2Ib	671
224855	56.2	+59 48	6.9	$C9_1$	135 535 v
				$C9_1e$	259
				N	6 93 479
				N1p($C9_1$)	1
				N1p($C9_1$)	554
224868	56.3	+60 17	7.4	BOIb	558
224882	56.4	+30 11	8.0	GOIV	659
				G2IV	38
224889	56.5	-77 37	4.8	K2III	457 645 705 714
224890	56.5	+73 03	6.5	A(m)	555
224893	56.5	+60 40	5.7	A5II	671 sb?
				FOIII	562

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	23h				
	56.5	+63 48	11.6	B8II	671
224895	56.5	+27 53	7.0	K1III	117
				K2III	659
224905	56.6	+59 54	8.5	B1Vn	251 257 687
224927	56.7	-26 21	8.9	A8VI	646
224930	56.8	+26 34	5.8	G2V	65 71 96 131 192 285 287 304 646 665 714 725 726 sb
				G3V	253 270 276 295 296 677
224935	56.8	-06 35	4.4	M3IV	645 v
224937	56.8	-42 10	7.9	F3IV	705 713 sb
+66°1675	57.0	+66 51	9.1	O7	139 143 251 257 598
224959	57.0	-03 23	9.9	B0	6
				B2	308
224960	57.0	-15 14	7.4	Se	259 v
				S7,3e	98 259
224964	57.0	-31 14	9.0	A3V	705 710
+62°2353	57.2	+62 20	9.9	B3II	257
224990	57.2	-30 16	5.2	B4III	456 sb
				B5V	596 705
				G8III	391
225010b	57.5	+65 33	7.3	A2V	391
IW Cas	57.6	+48 10	11.5	Se	259 v
225047	57.8	-30 26	8.4	AOV	705 710
225077	58.1	-31 47	8.0	A2V	705 710
+63°2099	58.2	+63 41	10.7	A6II	671
225094	58.3	+63 05	6.3	B3Ia	141 173 251 257 486 558 687 697

HD or D	1900 α	1900 δ	m	Sp	Bibliography
	23h				
225119	58.5	-28 59	8.0	AOp	555
225132	58.6	-17 54	4.6	AO:IV	456 460
				B9IV	131 641 645 646
				B9V	705
225137	58.7	+56 50	8.0	A(m)	181 559
225146	58.8	+60 33	8.6	BOIb	558
				BOIbp	135 141 251 257 687
225157	58.8	-45 50	8.3	A7V	705 710
225160	58.9	+61 40	8.6	O8	74 48
				O8f	76 135 139 141 251 257 687
				O9V	558
	59.1	+63 00	11.5	F5I	671
225180	59.1	+61 44	6.0	AOIII	558
				A1II	671
225186	59.1	-17 59	8.7	A3V	705 710
225191	59.2	+42 02	8.2	F7IV	38
225200	59.2	-29 50	6.5	AOVn	705 710
225206	59.3	-29 57	7.6	B9Vn	705 710
	59.4	+63 00	10.8	B9II	671
225212	59.4	-11 04	5.2	K3Ib	53 131 203 399 v
225213	59.4	-37 51	8.8	M4V	519 705 713 714
225217	59.5	+43 00	7.9	N	6 v
	59.6	+59 41	11.0	F8I	671
225239	59.6	+34 07	6.2	G2V	253 296 714
225253	59.6	-72 00	5.5	B8e	705
				B8III	456 641 645
225264	59.7	-30 12	8.2	AOV	705 710
225291	59.9	+45 71	7.6	F8V	15
225292	59.9	+27 07	6.5	G8III	659
				G9III	117

ADDITIONAL LIST I

HD or D	1900 α	1900 δ	m	Sp	Bibliography	
3322	00 31.0	+26 42	6.3	B8p	194	
6116	00 57.3	+40 48	5.9	A7V	27	
8799	01 21.7	+44 53	5.0	F5IV	106	
9138	01 24.9	+05 38	5.0	K3+III+	62	
9900	01 31.6	+57 28	5.7	G5II	27	
11502	01 48.0	+18 48	4.8	Alp	194	
+31°434	02 22.8	+31 48		MOp	413	
16350	02 32.3	+37 40	6.0	AOIII	194	
20692	03 14.8	+38 22	8.1	F5V	38	
21447	03 22.4	+55 06	5.0	A3V	27	
23413	03 31.8	-00 36	5.8	K4III+	62	
23862	03 43.2	+23 50	5.2	B7p	194	
+22°700	04 21.7	+22 09	11.5	S6,1	98	
28929	04 28.4	+28 45	5.7	B6p	194	
+12°612	04 30.2	+13 01	10.0	S6,1:	98	
+79°156	04 38.6	+79 50	9.9	S4,2	98	
30297	04 41.2	+49 21	8.5	Gp	387	
33053	05 02.5	+14 25	7.7	G3III	38	
35299	05 18.6	-00 15	5.6	B5V	94	
40312	05 52.9	+37 12	2.7	B9p	194	
43244	06 10.1	+46 27	6.5	FOV	27	
43819	06 13.2	+17 21	6.2	B9,Vp	194	
+15°1200	06 21.3	+15 58	9.4	S5.5,2	98	
45677	06 23.7	-13 00	7.5	B9?p	173	
46769	06 30.1	+00 58	5.7	B3s	132	
47152	06 32.0	+29 04	5.5	B9,Vp	194	
50204	06 47.1	+38 38	6.2	B9p?	194	
51354	06 51.9	+18 02	7.1	B3ne	132	
52559	06 56.6	+05 42	6.5	B2s	132	
54810	07 05.3	-04 05	5.0	KOIII-IV	62	
58367	07 20.2	+09 28	5.1	G5III	27	
62721	07 40.3	+18 45	5.0	K3+III+	62	
68351	08 07.0	+29 57	5.6	B9p	194	
70276	08 16.0	+17 36	7.5	S2,9e:	98 v	
74485	08 39.2	+31 04	6.1	G5III	27	
77624	08 58.6	+11 34	8.4	G8III	27	
79469	09 09.2	+02 44	3.8	AOp	99	
82328	09 26.2	+52 08	3.3	F6III-IV	62	
84707	09 41.9	-00 09	8.0	F8V	27	
86987	09 57.0	+04 25	8.3	F5V	27	
88009	10 03.7	+19.01	7.1	K2III	27	
88270	10 05.6	+21.13	6.6	F2VI	27	
89239	10 12.6	+27.55	6.5	B9.5p	194	
90915	10 24.7	+21.20	8.4	GOV	27	
94426	10 48.9	+31.06	7.4	F8V	27	
94686	10 50.7	+80.13	7.2	F8V	27	
98618	11 15.7	+59.01	8.0	G5V	27	
104216	11 55.1	+81.25	6.4	M3III	62	
106691	12 11.1	+26.19	8.1	F5IV	38	
	12 22.2	+24.29	6.1	KOIII	27	
+0°2989	12 41.0	-00 13	8.5	MO,5V	94	
+45°2038	12 43.2	+45 21	7.4	G5p+G8p	108 vb	
+8°2658	12 50.3	+08 24	9.3	KOV	27	
112394	12 51.3	+57 39	9.0	G5IV-V	27	
110432	12 36.9	-62 30	6.0	B2nne	132	
238179	12 55.3	+55 12	8.9	G8V	27	
113092	12 56.2	+67 08	5.5	KOIII	62	
238208	13 10.7	+57 32	9.0	K2V	27	
114960	13 11.3	+01 43	6.8	K4III+	62	
115349	13 11.6	+36 25	8.2	G2V	27	
115577	13 12.9	+27 48	7.0	G8IV	457	
118889	13 34.7	+11 15	5.5	A6n	287	
238224	13 19.5	+58 25	9.0	MOV	27	
120528	13 44.9	+53 44	8.8	G5V	27	
127304	14 25.6	+32 14	6.0	B9,5p	194	
134066	15 02.7	+09 37	6.7	G5+G8p	108 vb	
135382	15 09.6	+68 19	3.0	A1V	456	
140160	15 37.1	+13 10	5.3	A1p	194	
140623	15 39.6	+80 50	8.8	KOV	27	
142980	15 52.6	+14 42	5.7	K2III+	62	
146738	16 12.7	+29 23	5.7	Am	287	
148112	16 20.8	+14 16	4.5	B9p	194	
149822	16 32.1	+15 42	6.3	B9p	194	
149907	16 32.6	+23 04	6.9	KOIII	27	
150997	16 39.5	+39 07	3.6	G8III-IV	106	
152308	16 47.5	+15 19	6.4	B9,5p	194	
153882	16 57.0	+15 05	6.2	A2p	194	
+23°3093	17 18.0	+23 55	10.1	S5,4	98	
160291	17 34.0	+48 32	7.6	F6V	27	
	17 53.9	+13 10	10.0	R4	6	
161306	17 39.7	-09 46	8.3	B(0)ne	132	
163989	17 53.9	+76 59	5.0	F6IV-Vs	106	
170474	18 24.5	-02 03	5.4	KOIII	106	
174704	18 46.7	-09 12	8.1	Fp	387	
175081	18 48.6	+37 24	7.1	B5n	403	
175744	18 51.6	+17 52	6.4	B9,5p	194	
175751	18 51.7	-05 59	5.0	K1III+	62	
175869	18 52.3	+02 26	5.6	B9n	287	
176670	18 56.3	+32 00	5.1	K3III	106	
+4°4048	19 07.7	+05 02	9.1	M3,5V	94	
177175	18 58.5	+12 07	8.7	S7.2	98	
178717	19 04.6	+10 04	7.5	Kp	387	
179406	19 07.3	-08 07	5.4	B3n	132	
185395	19 33.8	+49 59	4.5	F5IV-V	106	
188512	19 50.4	+06 09	3.7	G8V	154	
188650	19 51.2	+36 44	5.8	Fp	390	
192836	20 11.9	+21 17	6.2	K1III	27	
+41°3735	20 21.1	+41 10	8.8	Fp	387	
194943	20 23.2	-18 09	5.0	F2IV	106	
195325	20 25.5	+10 34	5.9	Alp	194	
197752	20 40.6	+24 55	5.1	K2III	106	
199939	20 55.2	+44 01	7.9	Gp	387	
202275	21 09.6	+09 36	4.6	F8V+F8V	96 sb	
204139	21 21.5	-21 37	6.0	K5III	27	
206523	21 37.5	+47 05	7.4	KOIII	387	
210459	22 05.5	+32 41	4.4	F5III	106	
213051/2	23.7	-00 32	4.4	F5IVw	106	
+48°3827	22 40.7	+48 57	9.4	N	6	
213235	22 24.9	+03 56	5.5	F5IVs	106	
214470	22 33.3	+73 07	5.2	F4III	106	
+27°4445	22 52.3	+27 28		MOp	413	
221394	23 26.8	+27 51	6.2	AOp	194	
+1°4774	23 44.1	+01 29	9.0	M2V	94	
224427	23 52.6	+24 35	4.8	M3III	27	
224618	23 54.2	+06 19	4.0	F4IVs	106	
298298				B1Vpe	132	
298383				AOIb	132	
298387				B2V	132	
311999				O9,5IV	132	
316197				B3V	132	

N	V	P	D	S	Q	
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3	96	15	35	P	c	P.W.Merrill, C.G.Burwell, W.C.Miller - Discovery and observations of stars, of class Be. (1942)
			65	P		Third paper.
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5	99	15	70	P	a	P.W.Merrill - Spectroscopic observations of AX Persei, RW Hydrae, CI Cygni and Z Andromedae.(1944)
6	99	145	65	G	d	R.F.Sanford - Radial velocities of 283 stars of spectral classes R and N. (1944)
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7	99	222	40	P	a	O.Struve - The spectrographic problem of U Cephei. (1944)
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9	101	356	45	P	b	W.A.Hiltner - The Wolf-Rayet spectroscopic binaries HD 186943, HD 193928 and HD 211853. (1945)
10	104	458	283	OP	b	P.C.Keenan, J.J.Nassau - Luminosity characteristics on low-dispersion spectra of stars of types MO-M4. (1946)
11	105	204	150	P	c	D.M.Popper - Spectral types of stars in the globular clusters Messier 3 and Messier 13.(1947)
12	105	258	45	P	a	S.Gaposchkin - The eclipsing system UX Monocerotis. (1947)
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14	105	492	150	P	b	W.P.Bidelman - The M-Type supergiant members of the double cluster in Perseus. (1947)
15	106	20	280	OP	d	J.J.Nassau, G.B.van Albada - Luminosity criteria from objetive-prism spectra for stars from FO to K5. (1947)
16	106	112	75	P	a	G.H.Herbig - The eclipsing binaries ZZ Cephei and UY Virginis. (1947)
17	106	309	125	P	b	A.D.Code - A note on the period-spectrum relation among Cepheids. (1947)
18	107	107	60	P	b	N.G.Roman, W.W.Morgan, O.J.Eggen - The classification of the "Metallic-line" stars. (1948)
19	107	151	3	P	b	J.L.Greenstein - Spectrophotometry of the F stars and of τ Ursa Majoris. (1948)
20	107	349	3	P	b	A.B.Underhill - The intensities and profiles of lines in some B-Type stars. (1948)
21	109	100	51	P	a	D.M.Popper - Radial velocity observations with the Bruce spectrograph. (1949)
			63			
22	109	452		S	c	E.van Dien - The Stark effect of the higher Balmer lines in stars of spectral types A and B.
23	109	426	283	PO	d	S.W.McCuskey - Stellar spectra in Milky Way Regions I.A region in Aquila. (1949)
24	109	439	42	G	a	J.Sahade - New spectrographic investigations of the eclipsing star XZ Sagittarii. (1949)
25	109	547	60	P	b	A.Slettebak - A catalogue of the brighter metallic line stars. (1949)
26	110	67	95	PO	c	M.E.Walther - Anomalous spectra of stars of class A. (1949)
27	110	205	125	P	b	N.G.Roman - The Ursa Major group. (1949)
28	110	387	385	OP	d	P.W.Merrill, C.G.Burwell - Second supplement to the Mount Wilson catalogue and bibliography of stars of classes B and A whose spectra have bright hydrogen lines. (1949)
29	110	478	283	PO	d	J.J.Nassau, D.A.MacRae - Stellar spectra and colors in a clear region in Cygnus. (1949)
30	111	1	48	G	c	P.C.Keenan, J.A.Hynek - Neutral oxygen in stellar atmospheres. (1950)
31	111	65	125	P	c	O.J.Eggen - Photoelectric studies.I.Color-Luminosity array for members of the Hyades cluster.
32	111	333	76	P	a	W.P.Bidelman - The peculiar star HD 30353. (1950)
33	111	414	125	P	b	O.J.Eggen - Photoelectric studies.III.Color-Luminosity arrays for the Coma Berenices and Ursa Major clusters. (1950)
34	111	426	125	P	c	N.G.Roman, W.W.Morgan - The moving cluster in Perseus. (1950)
35	111	438	42	G	a	J.Sahade - On the spectroscopic binary τ^4 Eridani. (1950)
36	111	513	350	G	b	P.Swings, P.D.Jose - The spectra of the Wolf-Rayet stars in the region λλ 6500-8800. (1950)
37	111	663	42	G	a	J.Sahade - A change in the spectrum of lambda Pavonis. (1950)
38	112	48	75	P	d	J.H.Moore, G.F.Paddock - Radial velocities, spectral types and luminosity classes of 820 stars.
39	112	72	385	OP	d	P.W.Merrill, C.G.Burwell - Additional stars whose spectra have a bright Hα line. (1950)
40	112	90	283	OP	d	S.W.Mc Cuskey, C.K.Seyfert - Stellar Spectra in Milky Way regions II. A region in Cygnus. (1950)
41	112	141	125	P	c	O.J.Eggen.- Photoelectric studies, IV.Color-Luminosity array for stars in the region of the sun.
42	112	362	125	P	d	W.W.Morgan, N.G.Roman - Revised standards for supergiants on the system of the Yerkes Spectral Atlas. (1950)
43	112	477	35	P	a	W.A.Hiltner - Photometric investigations of the Wolf-Rayet binary CQ Cephei. (1950)
44	112	240	125	P	b	H.L.Johnson - The color-magnitude array for the galactic cluster NGC 2362. (1950)
45	112	554	125	P	c	N.G.Roman -A correlation between the spectroscopic and dynamical characteristics of the late F- and early G-Type stars. (1950)
46	113	60	125	P	b	L.Rosino - The spectra of variables of the RV Tauri and yellow semirregular types. (1951)
			76			
47	113	304	125	P	d	W.P.Bidelman - Spectral classification of stars listed in Miss Payne's catalogue of C stars.
			76			(1951)
48	114	241	125	P	c	W.A.Hiltner - Polarization of stellar radiation.III.The polarization of 841 stars. (1951)
49	114	492	125	P	c	N.G.Roman - A study of the concentration of early-type stars in Cygnus. (1951)
50	115	341	120	P	c	I.I.Ahmad - The intensity of certain lines of HeI in the B stars. (1952)
51	115	475	280	OP	d	J.J.Nassau, W.W.Morgan - A finding list of F stars of high luminosity. (1952)
52	116	35	42	G	a	J.Sahade - The spectrum of S Velorum. (1952)
53	116	122	120	P	d	N.G.Roman - The spectra of the bright stars of types F5-K5. (1952)
54	116	227	76	P	a	W.P.Bidelman - HD 160641, a hydrogen-deficient O-type star. (1952)
55	116	251	125	P	d	S.Sharpless - A study of the Orion aggregate of early-type stars. (1952)
56	116	283	340	P	d	W.J.Luyten - The spectra and luminosities of white dwarfs. (1952)
			340	G		
57	116	383			a	K.L.Franklin - The spectroscopic orbit of 26 Aquilae. (1952)
58	116	592	280	OP	d	D.A.MacRae - Stellar spectra and colors in Cygnus at galactic latitude + 14°. (1952)
59	116	612	75	P	c	H.F.Weaver-Spectral-type, magnitude, and color-index relations in the galactic star cluster in
			50			Coma Berenices. (1952)
60	116	640		S	b	H.L.Johnson - Praesepe: Magnitudes and colors. (1952)

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62	117	241	104 54	P	c	P.C.Keenan,G Keller - Spectral classification of the high-velocity stars. (1953)
63	117	256	125	P	c	A.Blaauw,W.W.Morgan - Expanding motions in the Lacerta aggregate. (1953)
64	117	269	4 9		a	J.L.Greenstein - A peculiarity of the spectrum of PI Pegasi. (1953)
65	117	313	120 60	P	d	H.L.Johnson,W.W.Morgan - Fundamental stellar photometry for standards of spectral type on the revised system of the Yerkes Spectral Atlas. (1953)
66	117	353	120 60	P	c	H.L.Johnson,- Magnitudes, colors and spectral types in M39 (1953)
67	117	361	120	P	b	H.L.Johnson - Photoelectric observations of visual double stars. (1953)
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69	118	55			a	G.E.Kron,K.C.Gordon - The system of Alpha Coronae Borealis. (1953)
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74	118	318	120	P	d	W.W.Morgan,A.E.Whitford,A.D.Code - Studies in galactic structure.I.A preliminary determination of the space distribution of the blue giants. (1953)
75	118	323	50	P	b	W.W.Morgan,G.González - Blue giants in the neighborhood of NGC 6231. (1953)
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77	118	481	11 37	P	a	M.F.Walker - The light variations of HD 217050. (1953)
78	118	502	120	P	c	G.E.Kron,H.S.White,S.C.B.Gascoigne - Red and infrared magnitudes for 138 stars observed as photometric standars. (1953)
79	118	511	S		c	G.E.Kron,S.C.B.Gascoigne - Red and infrared magnitudes for 27 southern hemisphere stars of early spectral-type. (1953)
80	118	529	S		a	D.E.Osterbrock - The internal structure of red dwarf stars. (1953)
81	119	146	28	P	d	A.Slettebak - The spectra and rotational velocities of the bright stars of Draper types B8-A2.
82	119	188	110	P	c	A.N.Cox - A study of the galactic cluster NGC 2287. (1954)
83	119	200	120	P	c	S.Sharpless - A study of the Orion aggregate of early-type stars. (1954)
84	119	243	10	G	a	L.H.Aller,O.C.Wilson - Spectrophotometry of the central stars of four planetary nebulae. (1954)
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86	119	344	120	P	b	H.L.Johnson,W.W.Morgan - A heavily obscured O-association in Cygnus. (1954)
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89	119	622	60 120	P	b	D.L.Harris,W.W.Morgan,N.G.Roman - Photometric and spectroscopic observations of stars in IC 348. (1954)
90	119	625	120	P	b	A.Blaauw,W.W.Morgan - The space motions of AE Aurigae and μ Columbae with respect to the Orion nebula. (1954)
91	120	22	10	G	b	J.S.Oke - A study of the atmospheres of early O and Of stars. (1954)
92	120	41	100	P	c	W.A.Hiltner - Early-type stars in the direction of the galactic center. (1954)
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97	120	384	2-10	G	c	J.B.Oke,J.L.Greenstein - The rotational velocities of A-, F-, and G-type giant stars. (1954)
98	120	484	50 250	G P	c	P.C.Keenan - Classification of the S-type stars. (1954)
99	121	24	125	P	c	D.Crawford,D.Nelson Limber,E.MendozaV.,D.Schulte,H.Steinman,T.Swihart - The association I Geminorum. (1955)
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108	121	337	10	G	c	O.Struve,K.L.Franklin - Spectrographic observations of visual double stars. (1955)
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110	121	556			a	W.A.Hiltner,B.Iriarte - Four faint Wolf-Rayet stars. (1955)
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112	121	653	28	P	d	A.Slettebak - The spectra and rotational velocities of the bright stars of Draper types A3-G0.
113	121	670	10	G	b	O.Struve,K.Franklin,C.Stableford -A spectrophotometric study of five visual double stars. (1955)
114	122	95	10	P	a	D.H.McNamara - The beta Canis Majoris stars gamma Pegasi, delta Ceti, and XI Canis Majoris. (1955)
115	122	142	120	P	c	H.L.Johnson,W.W.Morgan - Some evidence for a regional variation in the law of interstellar (1955) reddening.

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117	122	222	33	P	d	I.Halliday - Luminosity function and space motions of G8-K1 stars derived from spectroscopic parallaxes. (1955)
118	122	263		S	b	A.R.Sandage - Axial rotation and stellar evolution. (1955)
119	122	429	100 50	P	c	H.L.Johnson,W.W.Morgan - Photometric and spectroscopic observations of the double cluster in Perseus. (1955)
120	122	434			c	V.M.Blanco - The M-Type supergiants in h and χ Persei. (1955)
121	123	44	130	P	a	J.A.Crawford,R.P.Kraft - An interpretation of AE Aquarii. (1956)
122	123	54	125	P	c	E.E.Mendoza V.- A Spectroscopic study of the Pleiades. (1956)
123	123	59	283	OP	a	J.Cuffey,S.W.McCuskey - The galactic cluster NGC 2169. (1956)
124	123	210	4	G	c	A.J.Deutsch - The circumstellar envelope of alpha Herculis. (1956)
125	123	246	125	P	c	N.G.Roman - Spectral types of some eclipsing binaries. (1956)
126	123	253	S		c	J.Stock - Photoelectric spectrophotometry.I.Hydrogen-line intensities of O-,B-,and A-type stars.
127	123	267	100 50	P	d	H.L.Johnson,W.A.Hiltner - Observational confirmation of a theory of stellar evolution. (1956)
128	123	371	100 50	P	b	D.L.Harris III - Photometry of the Perseus aggregates. (1956)
129	123	377	50	P	b	D.M.Popper - On the H and K emission in dwarf stars. (1956)
130	123	408	120	P	c	A.Blaauw - On the luminosities, motions, and space distribution of the nearer northern O-B5 stars
131	123	440	120	P	d	J.Stebbins, G.E.Kron - Six-color photometry of stars.VIII.The colors of 409 stars of different spectral types. (1956)
132	124	43	120	P	d	E.van P.Smith - Interstellar polarization in the southern Milky Way. (1956)
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134	124	81		B		H.L.Johnson,A.R.Sandage, and H.D.Wahlquist - The galactic Cluster M 11. (1956)
135	124	173	10	G	c	A.Slettebak - Line broadening in the spectra of O- and early B-type stars. (1956)
137	124	196	26	P	a	D.M.Popper - Rediscussion of eclipsing binaries.I.Z Herculis. (1956)
138	124	342	200	G	c	S.Sharpless - The infrared spectral classification of M-type stars. (1956)
139	124	367	120	P	d	W.A.Hiltner,H.L.Johnson - The law of interstellar reddening and absorption. (1956)
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141	125	42	4 7	G G	d	G.Münch - Interstellar absortion lines in distant stars.I. Northern Milky Way. (1957)
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150	126	53	10	G	a	D.M.Popper - Rediscussion of eclipsing binaries.III. Z Vulpeculae. (1957)
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170	128	166	80	G	b	H.C.Arp - Cepheids in galactic clusters.III.EV Sct in NGC 6664. (1958)
171	128	174			a	E.M.Burbidge.A.Sandage - The color-magnitude diagram for the galactic cluster NGC 7789. (1958)
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182	129	287			a	R.Kraft - Eclipsing binaries in galactic clusters and O-B associations. (1959)
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222	133	907	40	G	c	A.J.Meadows - Rotational velocities of three metallic-line of stars in M39 and the Ursa Major cluster. (1961)
223	133	910	21/18	G	a	H.A.Abt - Radial velocities of three metallic-line stars. (1961)
224	134	195	80		c	A.Slettebak,K.Bahner,J.Stock - Spectra and colors of the early-type stars near the north galactic pole. (1961)

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251	2	41	100	P	c	W.W.Morgan,A.D.Code,A.E.Whitford - Studies in galactic structure.II Luminosity classification for 1270 blue giants stars. (1955)
252	2	75	280	OP	c	S.W.McCuskey - Stellar spectra in Milky Way regions.III.A region in Cepheus-Lacerta. (1955)
253	2	195	120	P	c	N.G.Roman - A catalogue of high-velocity stars. (1955)
254	2	271	280	OP	c	S.W.McCuskey - Stellar spectra in Milky Way regions.V. A region in Monoceros. (1956)
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259	1		S		c	W.P.Bidelman - Catalogue and bibliography of emission-line stars of types earlier than B.(1954)
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270	54	102	120	P	a	R.G.Hall,Jr.- A mass determination of 85 Pegasi. (1948)
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393	70	267	10	G	a	O.Struve,J.Sahade,V.Zebergs,B.T.Lynds - The spectrum of the eclipsing binary 29 UW Canis Majoris. (1958)
394	70	310			a	P.E.Roques - Observations of dMe stars with small fluctuations. (1958)
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397	70	468	430	P	a	G.H.Herbig - The spectrum of the nebulosity at AE Aurigae. (1958)
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416	72	268	65	G	b	A.Lallemand,M.Duchesne,M.F.Walker - The electronic camera,its installation, and results obtained with the 120-inch reflector of the Lick Observatory. (1960)

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419	72	416	42	G	b	C.Hernández - Spectroscopic observations of stars of the π Crucis cluster. (1960)
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445	114	687	120	P	c	M.K.Vainu Bappu - Magnitudes and colours of some members of the Perseus cluster. (1954)
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480	122	239	86	P	c	M.W.Feast,R.H.Stoy,A.D.Thackeray,A.J.Wesselink - Spectral classification and photometry of southern B stars. (1961)
481	122	325	36	P	c	P.M.Morris - The Scorpio - Centaurus association.II.Spectral types and luminosities of 220 O,B and A stars. (1961)
482	123	81	40/80	P	b	A.J.Meadows - Turbulence and rotation in early - type stars. (1961)
483	123	521	120	P	c	M.K.V.Bappu,S.Chandra,N.B.Sanwal,S.D.Sinvhal - Photoelectric measures of hydrogen - line absorption in early type stars. (1962)

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495	68		S	P	c	M.W.Feast,A.D.Thackeray,A.J.Wesselink - Radial velocities of southern B stars determined at the Radcliffe Observatory. (1957)
496	67		S	P	c	M.W.Feast,A.D.Thackeray,A.J.Wesselink - Radial velocities of southern B stars determined at the Radcliffe Observatory. (1955)

N	V	P	D	S	Q	
506						
507	72	151		OP	b	C.S.Gum - A large H II region at galactic longitude 226°. (1952)
508	75	222	120	P	c	R.Wilson - Emission lines in O stars. (1955)
509	77	229	S		c	O.J.Eggen - The Taurus group. (1957)
510	78	21	120	P	c	O.J.Eggen - The ζ Herculis group of high-velocity stars. (1958)
511	78	76	S		b	O.J.Eggen - Possible Cepheid members of the alpha Persei group. (1958)
512	78	79	S		b	J.Sahade - On the nature of the Wolf-Rayet stars. (1958)
513	78	149	120	P	c	R.v.d.R.Woolley,O.J.Eggen - On the reality of expanding motions in the Lacerta aggregate. (1958)
514	79	88	120	P	c	O.J.Eggen - The gamma Leonis group of high velocity stars. (1959)
515	79	135	S		c	O.J.Eggen - White dwarf members of the 61 Cygni group. (1959)
	79	182	120	P	b	O.J.Eggen - An attempt to test the reality of the gamma Leonis group by analysis of the GC
516						proper motion. (1959)
517	79	197	S		c	O.J.Eggen - Motions of the bright peculiar and metallic-line A-type stars. (1959)
518	80	28	90	P	a	W.Buscombe,P.M.Morris - The double-lined binary alpha Octantis. (1960)
	81	226	120	P	b	Th.Schmidt - Kaler. -On the age of the galaxy and the helium content of the old population
519						I stars. (1961)
	82	118			c	D.S.Evans,R.H.Stoy - On the identification of subdwarfs. (1963)

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528						
529	14	272	S	P	b	M.Rudkjobing - A photoelectric differential classification of A and F stars. (1951)
530	16	321			b	Ch.Pecker - Contribution a l'étude de la zone convective des étoiles. (1953)
	16	417	225	P	c	M.Hack - Etude du spectre d'absorption de 243 étoiles de types spectraux compris entre O6 et F8
531						pour la recherche de critères quantitatives de classification spectrale bidimensionelle. (1953)
	17	456			c	L.Divan - Recherche sur la Loi d'absortion de la poussière interstellaire et sur le spectre
532						continu des étoiles O et B. (1954)
533	18	237	73/42		b	G.Mannino,J.Humblet - Observations spectroscopiques de quelques étoiles of (I). (1955)
534	18	292				H.L.Johnson - A photometric system. (1955)
535	19	294			a	J.Berger,A.M.Fringant,C.Menneret - Recherches sur les spectres continus stellaires. (1956)
536	21	67	58	P	b	G.Mannino - Intensities of isotopic carbon bands the spectra of twelve N-type stars. (1958)
	22	164	S		b	R.P.Kraft - On the variation of the K2 emission width as a function of absolute visual magnitude
537						in the spectra of late-type stars. (1959)
	22	540	S		d	R.Herman,M.Th.Barin,M.M.Pendzel - Classement de 123 étoiles de type B. (1959)
538	Supl	N°2	270	P	c	Y.Andrillat - Spectrophotométrie du spectre continu des étoiles de Wolf-Rayet.Détermination des distances et des températures de couleur.Magnitudes absolues. (1957)

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550						
551	38	165	40	OP	c	Ch.Fehrenbach - La mesure des vitesses radiales an prisme objectif. (1954)
552	39	79	180	P	b	M.Chopinet - Caractères spectraux de quelques étoiles particulières. (1956)
553	40	12	80	P	a	J.P.Mercier - Orbite de l'étoile double spectroscopique H.D.191473. (1957)
554	40	65	80	P	b	P.Mianes,J.Daguillon - Photométrie en 3 couleurs de l'amas N.G.C.7243. (1957)
555	42	1	100	OP	c	J.Boulon,M.Duflot,Ch.Fehrenbach - La mesure des vitesses radiales au prisme objectif.X. (1958)
556	42	45	S		c	Ch.Bertaud - Catalogue et bibliographie des étoiles a spectre particulier. (1958)
557	42	75	100	OP	b	H.Perraud - Listes et classifications d'étoiles à emission. (1958)
558	42	149	100	OP	c	J.Boulon,Ch.Fehrenbach - La mesure des vitesses radiales au prisme objectif. (1958)
559	43	69	100	OP	c	M.Barbier,J.Boulon - La mesure des vitesses radiales au prisme objectif. (1960)
560	43	129	S		c	Ch.Bertaud - Catalogue et bibliographie des étoiles à spectre particulier.Premier supplément.(1960)
	44	233	110	OP	c	Ch.Fehrenbach - La mesure des vitesses radiales au prisme objectif.XII.5e liste de vitesses ra-
561						diales déterminées au prisme objectif a vision directe. (1961)
	44	247	110	OP	b	H.Perraud - III.Liste et classifications d'etoiles M,S,C, trouvées dans divers champs pris aux
562						prismes objectifs à vision directe. (1961)
	44	99	110	OP	c	M.Duflot - Les vitesses radiales obtenues à l'aide d'un grand prisme objectif de 40 cm de
563						diamètre.Etude cinématique et photométrique d'un champ galactique. (1961)
564	44	73			a	R.Weber - L'étoile variable CL Monocerotis (J 2001). (1961)
	45	349	110	OP	d	Ch.Fehrenbach,E.Rebeirot - La mesure des vitesses radiales au prisme objectif.XIII. (1962)

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573	282	211			b	M.Beyer -Visuelle Helligkeiten von 167 Sternen schwächer als $7.^m5$ innerhalb 12.5 parsec. (1952)

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583	45	243	S		c	O.Heckmann,K.Lübeck - Das Farben-Helligkeits-Diagramm des Bewegungshaufens um Alpha Persei. (1958)
584	29	262	29		c	G.R.Miczaika - Absolute Helligkeiten von 115 B Sternen. (1951)

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594	12	91	S		a	C.de Jager - Observations of five stars suspected to belong to the class of β Canis Maioris stars.
595	13	77	S		c	S.Pottasch - A study of bright rims in diffuse nebulae. (1956) (1953)
596	15	67	120	P	c	T.and J.H.Walraven - A new photo-electric method of classification of luminosity and spectral
						type for O-and B type stars. (1960)
597	15	199	S		b	P.Th.Oosterhoff - Three colour photometry in the U,B,V, system of 51 northern Cepheids. (1960)
598	15	255	120	P	c	J.Borgman - Seven-colour photometry of O,B and A stars. (1960)
599	15	265	S		b	A.Blaauw - On the origin of the O - and B - type stars with high velocities (the "run-away"
						stars), and some related problems. (1960)
600	15	301	120	P	a	T.S.van Albada - 72 Columbae, a B3V run-away star from association I Scorpii. (1960)

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N	V	P	D	S	Q	
610	13	70			a	M.W.Feast - The strongly reddened B star 316332. (1954)
611	16	4			a	D.S.Evans - Recent radial velocity measures of γ Phe and σ Pup I. (1957)
612	18	15			a	O.J.Eggen - p Velorum and stellar evolution. (1959)
613	18	46	S		a	A.W.J.Cousins - Measures of bright southern stars on UBV system. (1959)
614	18	48	S		a	R.H.Stoy - Some bright variable stars. (1959)
615	18	91	S			O.J.Eggen - Ultra-violet excesses from Cape refractor colours. (1959)
616	18	144			a	D.S.Evans, R.H.Stoy - HD 89499 : A high velocity subdwarf. (1959)
617	18	158			a	D.S.Evans - The angular diameter of μ Geminorum. (1959)
618	18	159			a	D.S.Evans - HD 24202 : A high - velocity sub-dwarf spectroscopic binary. (1959)
619	19	56			a	A.W.J.Cousins - New bright variable stars. (1960)

PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN

629	2	102			a	K.Osawa - On colors of metallic- line stars. (1950)
630	3	119			a	M.Kitamura, H.Tanabe, T.Nakamura - Photoelectric observations of AH Virginis and the interpretation. (1951)

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640	16	125			c	M.L.Woods - Spectral types of bright southern stars. (1958)

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641	Mim	N°2			c	W.Buscombe - Spectral classification of southern fundamental stars. (1961)
642	Mim	N°6			c	W.Buscombe - Spectral classification of southern fundamental stars. (1962)
645	Mim	N°4			c	W.Buscombe - Spectral classification of southern fundamental stars. (1962)
646	Mim	N°3			c	W.Buscombe - Spectral classification of southern fundamental stars. (1959)

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651	36		33	P	c	I.Halliday - Luminosity function and space motions of G8-K1 stars derived from spectroscopic parallaxes. (1953)
652	35		33	P	c	W.R.Hossack - The application of an oscilloscopic microphotometer to the spectral classification of late-type stars. (1953)
653	40		33	P	c	J.B.Oke - Determination of spectroscopic absolute magnitudes for late-type stars. (1957)

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658	2	3	66	P	c	N.G.Roman - New radial velocities for faint stars with large tangential motions. (1952)
659	2	4	66/33	P	c	J.F.Heard - The radial velocities, spectral classes and photographic magnitudes of 1041 late-type stars. (1952)

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664	4	11/2		OP	c	M.Duflot, Ch.Fehrenbach, J.Guillaume, G.Ray - La mesure des vitesses radiales au prisme objectif.
665	4	52		OP	c	M.R.Bouigue - Contribution aux recherches photométrie photoélectrique dans la Galaxie. (1957/60)
666	2	23			b	M.J.Berger, A.M.Frigant - Etude spectrophotométrique de trois étoiles à raies métalliques. (1951)
667	6	57	77	OP	c	M.Barbier - Structure de la galaxie dans la région de P Cygni.(1962)

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671			580	OP	c	J.Hardorp, K.Rohlfs, A.Slettebak, J.Stock - Luminous stars in the Northern Milky Way.Part.I.(1959)
672			580	OP	c	J.Stock, J.J.Nassau, C.B.Stephenson - Luminous stars in the Northern Milky Way. (1960)

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677	Mitt.Ser.A	N°8	S			W.Gliese - Katalog der Sterne näher als 20 Parsek für 1950.0. (1957)

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682	5	1	S			W.Wenzel - Einige Eigenschaften der unregelmässig veränderlichen Sterne geringer Leuchtkraft. (1951)

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687	4	N°10	300	OP	c	B.Ljunggren, T.Oja - The Uppsala spectral classification. (1961)

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692	N°44	143	S		c	A.Beer - Distances of Southern B-stars and galactic structure from H_γ- luminosities. (1961)

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697	2	N°5			c	H.E.Butler, H.Seddon - Spectrophotometric measurements of early type stars. (1960)
698	1	N°6			b	W.H.M.Greaves, E.A.Baker, R.Wilson - Spectrophotometric measurements of early type stars. (1955)
699	2	N°4	46/28	P	b	H.E.Butler, H.Seddon - Spectrophotometric measurements of early type stars. Results and discussion for 20 stars of MK type B2. (1958)
700	2	N°3			c	R.Wilson - Spectrophotometric measurements of early type stars. (1958)

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705	Mim.12		S		d	Photoelectric obeervations. 1949/61. (1961)

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710	N°36		49/29		c	P.A.Wayman - Fundamental data for Southern stars.III A-type stars near the South Galactic Pole.
711	N°44				c	D.S.Evans - Observations of twenty-four single-lined variables. (1961) (1961)
712	N°45		120		a	B.E.J.Pagel - The radial velocity and spectrum of HD 134646. (1961)
713	N°48		54		c	D.S.Evans, A.Menzies, R.H.Stoy, P.A.Wayman - Fundamental data for Southern stars (Fourth list.)(1961)
714	N°51		S		c	O.J.Eggen - Space-velocity vectors for 3483 stars with proper motion and radial velocity. (1961)

N	V	P	D	S	Q	
715	N°30		29/49		a	D.S.Evans - The double-lined spectroscopic binary HD 133822, with notes on methods of investigation. (1961)
716	N°29				b	O.J.Eggen - Three-colour photometry of red variables. (1961)
717	N°25		S		c	A.J.Cousins,O.J.Eggen,R.H.Stoy - Three-colour photoelectric photometry with the Cape refractors.
718	N°31		S		a	O.J.Eggen - The period-colour relation for contact binaries. (1961) (1961)
719	N°41		S		c	O.J.Eggen - Space motions and distribution of the apparently bright B-type stars. (1961)
						NOTICES OF THE CRIMEAN ASTROPHYSICAL OBSERVATORY
724	N°12	148	23.4	P	b	E.R.Mustel,L.S.Galkin - Investigation of the stars of spectral classes A and F with metallic lines of abnormals intensities.(Transl.) (1954)
725	N°17	42			c	V.B.Niconov,S.V.Nekrasova,N.S.Polosuina,N.D.Rachkouvsky,N.K.Chuvajev - The color-luminosity diagram for stars in the vecinity of the sun. (1957)
726	N°18	3	72		c	E.R.Mustel,L.S.Galkin,R.N.Kumaigorodskaya,M.E.Boyarchuk - A quantitative spectral classification of F0-K5 stars with well determined distances. (1958)
727	N°19	189			c	A.B.Numerova - The distribution in early type-stars in Cygnus. (1958)
728	N°20	123	75		c	I.M.Kopylov - The equivalent widths of absorption lines in the spectra of 109 05-B7 stars.(1958)
729	N°20	156			c	I.M.Kopylov - A two dimensional quantitative spectral classification of 283 05-B7 stars. (1958) and the construction of a spectrum - absolute magnitude diagram.
730	N°20	209	S		a	I.I.Pronik - Spectral classes, stellar magnitudes and colour indices of 3915 faint stars in an area with the center α=18h 10m, δ= -15° 00' (1950). (1958)
731	N°20	299	250		b	E.S.Brodskaya,P.F.Shajn - Spectran and photographic magnitudes of 3340 stars in Perseus.(1958)
732	N°22	25			c	T.S.Belyakina,P.F.Chugainov - On the precision of the determination of spectral classes and colour excesses of O-A2 stars by the method of two color diagrams. (1959)
733	N°22	225			b	E.R.Mustel,L.S.Galkin - A spectrophotometric study of hydrogen lines in the spectra of peculiar A0 type-stars. (1959)
734	N°22	189	75		c	I.M.Kopylov - The equivalent widths of absorption lines in the spectra of 62 B8 - F2 type stars. (1959)
735	N°24	91	23		b	R.N.Kumaigorodskaya - A spectrophotometric study Of stars. (1960)
736	N°24	115	23.4	P	b	M.E.Boyarchuk - A study of the atmospheres of"F type stars.I." (1960)
737	N°26	287	23.4	P	a	M.E.Boyarchuk - A study of the atmospheres of F type stars.II. (1961)
738	N°22	176	150	P	b	N.A.Dimov,V.B.Nikonov - Photoelectric determination of the equivalent widths of H in the spectra of early type stars. (1959)
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753	119	N°2	45	OP	c	D.Hoffleit - A preliminary survey of nebulosities and associated B-stars in Carina. (1953)
						BOOKS
758			125	P	c	W.W.Morgan,P.C.Keenan,E.Kellman - An Atlas of Stellar Spectra with an outline of spectral classification. Astrophysical Monographs. The university of Chicago Press. (1943)
763	2				c	B.Strömgren - Two- dimensional spectral classification of F stars through photoelectric photometry with interference filters. Vistas in Astronomy - vol.II - p.1336 - Pergamon Press. (1957)
765					d	General Catalogue of variable stars. (1958)
766					d	General Catalogue of variable stars. (II) (1961)

Table 1

Clusters and associations

NGC	1900	1900	R	Q	m_1	References	Notes
104	00 19.8	-72 37	44'	c		473	47 Tuc
129	00 24.3	+59 41	13	b		169	
663	01 39.2	+60 44	14	a	9.5	304	
h and Per	02 15.4	+56 40	30	c	11.5	127 395	NGC 869-884
IC 348	02 38.1	+31 55		b	11.9	89	Ω Per
Pleiades	03 41.1	+23 47	120	c	10.5	65 122	M 45
Taurus Cl.	04 14.1	+15 22	400	a		41	Hyades
1960	05 29.5	+34 04	16	b	12.5	65 482	M 36
2169	06 00.3	+14 00	70	a	10.0	123	
2264	06 35.5	+09 58	30	c	14.0	258	
2287	06 41.8	-20 39	32	c	10.5	82	M 41
2362	07 14.6	-24 57	7	b		65 127	
2682	08 45.2	+11 49	18	b	11.5	111 284	M 67
3293	10 32.0	-57 44	8	c		461	
Coma Berenices	12 18.0	+26 30		c	10.5	59 289	
4755	12 47.8	-60 20	12	b	9.8	307 419	κ Cru
5139	13 20.8	-46 48		a	65.4	718	ω Cen
5272	13 37.3	+28 53	19	c	14.7	11 157 277	M 3
5904	15 11.5	+02 36		b		447	M 5
6087	16 11.0	-57 39	18	c		454	
6205	16 38.1	+36 40	23	c	15.0	11 167 283	M 13
6231	16 44.3	-41 34		a		73	
6254	16 51.9	-04 06	12	a		167	M 10
6530	17 58.6	-24 20	14	c	12.6	144	
6611	18 13.1	-13 49	8	c	15.2	218	M 16
IC 4725	18 26.0	-19 12	35	c	12.0	210 212 221 385 454	M 25
6664	18 31.2	-08 18	20	b		169 170	
6705	18 45.8	-06 23	12	b	15.0	134 412	M 11
6793				a		415	
Coll 399				a		415	
6800				a		415	
6830	19 46.7	+22 48	10	a		415	
6834	19 48.2	+29 08	7	a		415	
Coll 408				a		415	
(1)	19 38.6	+17 11	18	a		415	
(2)	19 39.3	+23 35	45	a		415	
(3)	19 52.3	+20 06	10	a		415	
(5)	20 04.5	+33 20	40	a		415	
6883	20 07.5	+35 33	15	a		415	
6910	20 19.5	+40 27	13	b	14.8	304	
6913	20 20.3	+38 12	7	b	11.9	304	
(6)	20 23.6	+38 50	30	a		415	
	20 29.6	+40 58	40	b	12.0	86	O-Assoc. in Cygnus
6940	20 30.4	+27 57	26	a	13.0	176	
(7)	20 46.9	+37 19	35	a		415	
7078	21 25.2	+11 44	12	a		167	M 15
7092	21 28.6	+48 00	32	c	11.5	66 68 214 222 289 304	
7243	22 11.3	+49 24	21	c	11.2	553	
7380	22 41.4	+57 21		a		729	
7789	23 51.9	+53 11	19	a		141 171 186 412 447	
7790	23 53.6	+60 40	4.5	b		169 170	

Table II

Extended Regions

Name	1900	1900	Diam	S	Q	m_1	References	Notes
LF5	01 36.9	+60 00		11°3	d	12.4	256	
Field J	01 51.5	+61 13			c	10.4	665	
Field 10	02 01.7	+57 57			b	10.0	665	
Perseus Reg.	02 30.0	+58 00		45°	d	12.5	731	
LF6	03 47.4	+56 37		16°2	d	12.5	255	
Field 12	04 52.3	+43 12			c	10.3	665	
LF7	05 01.0	+42 00		16°9	d	12.5	260	
Orion Nebula	05 30.4	-05 23	30'		a	11.0	416 164	
LF8	06 14.0	+14 00		17°3	d	12.5	260	
LF9	06 48.5	-01 14		16°4	d	12.0	254	
North Gal. Pole	12 46.6	+27 40		396°	d	13.5	95 320	
ILF1	19 11.9	+45 00	3°7		d	12.5	58	
LF1	19 27.0	+06 54		14°3	d	12.5	23	
LF2	19 34.2	+29 54		13°4	d	12.5	40	
LF3b	19 58.2	+37 51	3°7		d	12.0	29	
LF3a	20 04.0	+35 04	4°1		d	12.0	70	
LF4	22 20.3	+53 34	6°		d	10.3	252	
SA19	23 23.6	+59 31			d	10.3	665	
Magellanic Clouds					b	15.3	451 477	

OBSERVATORIO ASTRONOMICO DE LA UNIVERSIDAD NACIONAL DE LA PLATA

INDICE DEL TOMO XXVIII

Serie Astronómica

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