

Epsilon Aurigae 1928-30 Eclipse Data

Data Reseached and Provided by Brian Skiff
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Source: 1932ApJ.....76....1H

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A photoelectric study of epsilon Aurigae.

--- Washburn Obs refractor + blue photomultiplier tube,
various neutral-density filters; observers Huffer and Stebbins

--- comps stars 5 Aur, HR 1668 and lambda Aur; zero-point adjusted to
Harvard visual magnitudes of the three stars

--- 'probable errors' reckoned as rms ~0.015 mag.

JD	mv	JD	mv
2425266.554	3.37	2425675.612	4.25
2425268.561	3.37	2425685.616	4.22
2425278.672	3.43	2425698.579	4.20
2425297.656	3.46	2425715.587	4.19
2425310.683	3.49	2425723.603	4.18
2425320.588	3.53	2425738.583	4.26
2425336.599	3.45	2425802.869	4.27
2425346.604	3.39	2425811.847	4.22
2425349.584	3.39	2425823.824	4.23
2425356.586	3.34	2425827.798	4.26
2425365.601	3.34	2425841.794	4.27
2425373.610	3.34	2425865.797	4.22
2425443.863	3.77	2425869.787	4.22
2425450.858	3.80	2425888.753	4.30
2425468.817	3.84	2425889.794	4.30
2425496.828	3.95	2425898.742	4.30
2425511.835	4.07	2425902.767	4.30
2425517.763	4.11	2425909.769	4.29
2425525.745	4.14	2425917.708	4.21
2425542.717	4.21	2425921.720	4.16
2425549.790	4.21	2425924.683	4.14
2425554.713	4.24	2425930.676	4.09
2425566.667	4.24	2425940.663	4.06
2425573.050	4.20	2425945.622	4.03
2425585.587	4.20	2425948.699	4.01
2425588.847	4.17	2425951.643	4.02
2425589.831	4.16	2425967.597	3.95
2425599.592	4.16	2425975.757	3.89
2425601.584	4.17	2425994.716	3.79
2425610.560	4.21	2425998.723	3.79
2425615.740	4.22	2426005.692	3.75
2425623.572	4.23	2426015.672	3.65
2425637.545	4.25	2426038.604	3.56
2425643.660	4.25	2426044.585	3.59
2425652.628	4.25	2426047.640	3.54
2425662.704	4.24	2426054.593	3.51

JD	mv	JD	mv
2426063.643	3.51	2426268.739	3.44
2426070.589	3.48	2426280.702	3.39
2426080.581	3.47	2426287.692	3.42
2426088.592	3.39	2426301.695	3.46
2426090.590	3.38	2426308.642	3.46
2426099.601	3.41	2426321.651	3.48
2426199.862	3.53	2426338.601	3.46
2426209.846	3.49	2426351.756	3.50
2426222.804	3.42	2426358.708	3.42
2426236.782	3.39	2426376.695	3.39
2426241.818	3.41	2426410.639	3.42
2426246.785	3.42	2426435.581	3.40
2426262.773	3.47	2426466.602	3.43

Plot of 1928-30 Eclipse (HPO)

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