

fied as far as possible with known terrestrial or solar wave lengths. This velocity, on being transferred back into displacement by the same formula, gives the correction to be applied to the measured wave-lengths of the absorption lines, emission lines, and bands at the ends of the plate, to reduce them to normal wave lengths.

o Ceti, No. 486.

1906, Dec. 18.
G.M.T., 14^h 32^m.

Observed by W. E. Harper.
Measured by J. S. Plaskett.

MEASURED WAVE LENGTH	NORMAL WAVE LENGTH	DISPLACE- MENT	VELOCITY	REMARKS
4955.520	4704			Red Edge of Bright Band
4862.877	4527	1.350	+82.751	H γ Emission
4848.048	7.55			R. Edge of Band
4806.039	5.24			Line near edge of band
4805.866	4.40			R. Edge of Band
4763.309	1.91			Mn Line near edge of band
4762.766	1.30			R. Edge of Band
4657.795	0.39			Ti Cr
4627.889	0.49			Cr Mn Line at R. Edge of Band
4608.688	7.28			Sr 7.51 Line at V. Edge of Band
4595.952	4.27			V 4.30
4585.917	4.53			Fe Line at R. Edge of Band
4581.841	0.40			V Cr 0.50, 0.23
4578.749	7.350	1.303	+01.10	V
4537.372	5.005	1.407	93.00	Ti Cr
4528.020	7.400	1.430	94.66	Ti
4524.335	2.974	1.361	90.23	Ti
4510.608	8.198	1.500	99.45	Ti
4472.804				Fe Mn V
4463.437				Ti Mn
4454.795	3.595	1.200	80.76	Ca Ca
4430.030	5.439	1.191	80.49	Ti Fe
4428.730	7.420	1.310	88.68	Fe
4406.211	4.951	1.260	85.80	V
4402.005	0.738	1.327	90.37	Ti V
4396.740	5.286	1.460	99.42	V
4386.213	4.873	1.340	91.05	Fe
4385.070	3.720	1.356	92.88	