

o CETI, No. 515.

1906, Dec. 27.

G.M.T., 15^h 55^m.

Observed by J. S. Plaskett.

Measured by W. E. Harper.

MEASURED WAVE LENGTH	NORMAL WAVE LENGTH	DISPLACE- MENT	VELOCITY	REMARKS
4572.705	1.275	1.430	+93.66	Mg
4550.222	8.938	1.284	85.27	Ti
4546.234	4.845	1.389	91.70	Cr Ti
4541.976	0.776	1.200	79.32	Cr
4537.385	5.965	1.420	94.00	Ti Cr
4528.780	7.490	1.290	85.40	Ti
4524.360	2.974	1.386	91.96	Ti
4497.975	6.57			Ti Mn Cr
4490.902	9.60			Cr
4463.517	2.21			Fe Mn
4461.557	0.20			V Mn
4459.016	7.656	1.360	91.39	Ti V Mn
4454.885	3.505	1.380	92.87	Ti Mn
4439.396	8.006	1.390	93.82	V
4428.780	7.420	1.360	92.07	Ti Fe
4427.351	6.201	1.350	91.39	Ti
4406.331	4.951	1.380	93.82	Fe
4402.076	0.738	1.338	91.18	V
4396.696	5.286	1.410	95.88	Ti V
4380.806	9.396	1.410	96.58	V
4369.560	8.071	1.489	102.06	Fe
4354.348	3.038	1.310	90.00	Fe V
4353.316	2.006	1.310	90.00	Cr Mg
4341.784	0.634	1.150	[79.35]	H ₂ Emission
4334.308	2.988	1.320	91.10	V
4320.247	8.817	1.430	99.24	Ca Mn
4307.558	6.078	1.480	103.00	Ti
4302.203	0.945	1.258	87.68	Ti
4297.244	5.914	1.330	92.83	Cr Ti
4290.617	9.237	1.380	+96.32	Ti

Mean of Absorption Lines + 92.48

$$r = +4.7 \quad V_a = -26.45$$

$$r_o = \pm 0.9 \quad V_d = -0.22$$

$$\text{Curvature correction} = -0.50$$

$$\text{Radial velocity} = +65.3$$

In the tables above, of plates 486 and 515, the first column contains the wave lengths computed from the linear measures by Hartmann's formula. The second column contains the normal