

Plate 5011

Sept. 2, 1920

H α emission.	6563	absorption narrow	5184
em. ft., 33 Å wide	6158	emission 36 Å wide	5170
absorption	6110	emission 25 Å wide	5019
	6380	emission 26 Å wide	4924
em. 40 Å wide	6367	emission H β 21 Å wide	4862
absorption	6350	absorption central	4864
	6318	absorption 11 Å wide	4810
emission 28 Å wide	6302	emission edge diff. band	4691
absorption	6288	emission strongest	4627
	6260	emission edge band	4620
emission 26 Å wide	6244	absorption strong	4605
absorption	6220	emission 23 Å wide	4584
	6170	absorption uniform	4566
emission 22 Å wide	6159	emission 20 Å wide	4549
em. v. ft. broad	6001	absorption	4537
absorption band	5974	emission broad	4519
em. strong, 34 Å wide	5900	emission	4484
absorption narrow D (?)	5897	absorption	4478
absorption	5878	emission	4463
emission faint	5652	absorption weak	4456
absorption band	5640	absorption definite	4431
	5582	absorption 12 Å wide	4375
emission	5578	emission H γ 24 Å wide	4342
absorption 21 Å wide	5556	absorption central	4344
emission	5532	emission faint 18 Å wide	4300
emission very faint	5422	abs. faint 20 Å wide	4282
em. faint 25 Å wide	5365	emission 14 Å wide	4234
em. strong 28 Å wide	5318	emission 15 Å wide	4176
absorption strong	5297	emission H δ 20 Å wide	4102
em. strong 27 Å wide	5277	emission H and H γ broad	3971
absorption	5255	absorption narrow H	3968
emission 23 Å wide	5234	emission K, 19 Å wide	3933
absorption	5216	absorption narrow K	3933
emission irreg. 22 Å wide	5194		

The illustrations used are direct enlargements of the spectrum plates, the magnification being 5.4 diameters. Being prints of enlargements of the original negatives, they are, of necessity, negatives themselves.

While the writer is responsible for the measurement and discussion of the plates, all of the observers shared in the work of securing them.

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