Table 1. Line List – This list of spectral lines in the 660 – 1175-Å wavelength range including some 2nd order lines below 590 Å was compiled from a spectrum which was recorded with detector B on the solar disk near the north limb. It was generated from a number of sections recorded on the KBr photocathode each about 20 Å wide, and complemented by bare photocathode lines at the lower wavelength limit.

Peak[1], mW sr^{-1}m^{-2}Å^{-1}	λ_{lit}, Å[2]	λ_{obs}, Å[3]	Line	Transition			Remarks
–	657.34	657.34	S IV	$3s^2 3p\ ^2P_{1/2}$	–	$3s^2 3d\ ^2D_{3/2}$	on attenuator
142	661.42	661.42*	S IV	$3s^2 3p\ ^2P_{3/2}$	–	$3s^2 3d\ ^2D_{5/2}$	on bare
33	663.16	663.16	S V	$3s3p\ ^3P_2$	–	$3s3d\ ^3D_3$	on bare
5	671.016	671.02	N II	$2s^2 2p^2\ ^3P_1$	–	$2s^2 2p3s\ ^3P_2$	
	671.386		N II	$2s^2 2p^2\ ^3P_2$	–	$2s^2 2p3s\ ^3P_2$	]
15	671.411	671.41	N II	$2s^2 2p^2\ ^3P_0$	–	$2s^2 2p3s\ ^3P_1$	]
	671.630		N II	$2s^2 2p^2\ ^3P_1$	–	$2s^2 2p3s\ ^3P_1$	]
5	671.773	671.75	N II	$2s^2 2p^2\ ^3P_1$	–	$2s^2 2p3s\ ^3P_0$	]
4	672.001	672.00*	N II	$2s^2 2p^2\ ^3P_2$	–	$2s^2 2p3s\ ^3P_1$	
10	672.948	672.98	O II	$2s^2 2p^3\ ^2P_{3/2}$	–	$2s^2 2p^2 3s\ ^2P_{3/2}$	
7	673.768	673.80	O II	$2s^2 2p^3\ ^2P_{1/2}$	–	$2s^2 2p^2 3s\ ^2P_{1/2}$	
10	677.75	677.74	S III	$3s^2 3p^2\ ^3P_0$	–	$3s^2 3p3d\ ^3D_1$	
18	678.46	678.46*	S III	$3s^2 3p^2\ ^3P_1$	–	$3s^2 3p3d\ ^3D_2$	
9	679.11	679.14	S III	$3s^2 3p^2\ ^3P_1$	–	$3s^2 3p3d\ ^3D_1$	
39	680.69	680.70	S III	$3s^2 3p^2\ ^3P_2$	–	$3s^2 3p3d\ ^3D_3$	
20	680.95	680.97	S III	$3s^2 3p^2\ ^3P_2$	–	$3s^2 3p3d\ ^3D_2$	
6	681.50	681.51	S III	$3s^2 3p^2\ ^3P_0$	–	$3s^2 3p4s\ ^3P_1$	]
9	681.72	681.66	Na IX	$2s\ ^2S_{1/2}$	–	$2p\ ^2P_{3/2}$	]
5	683.07	683.05	S III	$3s^2 3p^2\ ^3P_1$	–	$3s^2 3p4s\ ^3P_0$	
21	683.47	683.53	S III	$3s^2 3p^2\ ^3P_2$	–	$3s^2 3p4s\ ^3P_2$	
		684.71	?				]
45	684.996	684.99*	N III	$2s^2 2p\ ^2P_{1/2}$	–	$2s2p^2\ ^2P_{3/2}$	]
93	685.513	685.50	N III	$2s^2 2p\ ^2P_{1/2}$	–	$2s2p^2\ ^2P_{1/2}$	
204	685.816	685.78	N III	$2s^2 2p\ ^2P_{3/2}$	–	$2s2p^2\ ^2P_{3/2}$	
48	686.335	686.32	N III	$2s^2 2p\ ^2P_{3/2}$	–	$2s2p^2\ ^2P_{1/2}$	
		686.77	?				]
20	687.0526	687.05	C II	$2s^2 2p\ ^2P_{1/2}$	–	$2s^2 3d\ ^2D_{3/2}$	]
30	687.3453	687.34	C II	$2s^2 2p\ ^2P_{3/2}$	–	$2s^2 3d\ ^2D_{5/2}$	]
	687.3521		C II	$2s^2 2p\ ^2P_{3/2}$	–	$2s^2 3d\ ^2D_{3/2}$	]
4		688.90	?				
4		690.09	?				
30	690.526	690.53	C III	$2s2p\ ^1P_1$	–	$2s3s\ ^1S_0$	
6	691.187	691.21	N III	$2s2p^2\ ^2D_{5/2}$	–	$2s^2 3p\ ^2P_{3/2}$	?
6	691.388	691.38	N III	$2s2p^2\ ^2D_{3/2}$	–	$2s^2 3p\ ^2P_{1/2}$	?
6	694.14	694.07	Na IX	$2s\ ^2S_{1/2}$	–	$2p\ ^2P_{1/2}$	
5	694.71	694.72	S II	$3s^2 3p^3\ ^2D_{5/2}$	–	$3s^2 3p^2 4d\ ^2D_{5/2}$	?
16	696.612	696.62	S V	$3s3p\ ^1P_1$	–	$3s3d\ ^1D_2$	]
		696.81	?				]
6		697.16	?				
8	698.73	698.72	S III	$3s^2 3p^2\ ^3P_0$	–	$3s^2 3p3d\ ^3P_1$	
	700.15	700.11	S III	$3s^2 3p^2\ ^3P_1$	–	$3s^2 3p3d\ ^3P_2$	]
28	700.245	700.24	Ar VIII	$3s\ ^2S_{1/2}$	–	$3p\ ^2P_{3/2}$	|
	700.29		S III	$3s^2 3p^2\ ^3P_1$	–	$3s^2 3p3d\ ^3P_0$	]
137	702.332	702.31*	O III	$2s^2 2p^2\ ^3P_0$	–	$2s2p^3\ ^3P_1$	
319	702.822	702.81	O III	$2s^2 2p^2\ ^3P_1$	–	$2s2p^3\ ^3P_0$	]
	702.899		O III	$2s^2 2p^2\ ^3P_1$	–	$2s2p^3\ ^3P_2$	]
500	703.850	703.81	O III	$2s^2 2p^2\ ^3P_2$	–	$2s2p^3\ ^3P_2$	
16	705.72	706.02	Mg IX	$1s^2 2s^2\ ^1S_0$	–	$1s^2 2s2p\ ^3P_1$	?
9	706.48	706.47	S VI	$3p\ ^2P_{1/2}$	–	$3d\ ^2D_{3/2}$	

Peak[1], mW sr^{-1}m^{-2}Å^{-1}	λ_{lit}, Å[2]	λ_{obs}, Å[3]	Line	Transition			Remarks
4	709.20	709.21	Ar V	$3s^23p^2\ ^3P_1$	–	$3s3p^3\ ^3P_2$	?
21	710.98	710.97	S III ?				
10	712.68	712.72	S VI	$3p\ ^2P_{3/2}$	–	$3d\ ^2D_{5/2}$	
5	712.84	712.89	S VI	$3p\ ^2P_{3/2}$	–	$3d\ ^2D_{3/2}$	
10	713.812	713.84	Ar VIII	$3s\ ^2S_{1/2}$	–	$3p\ ^2P_{1/2}$	
	715.60		Ar V	$3s^23p^2\ ^3P_2$	–	$3s3p^3\ ^3P_1$	
6	715.65	715.65	Ar V	$3s^23p^2\ ^3P_2$	–	$3s3p^3\ ^3P_2$	
119	718.484	718.49	O II	$2s^22p^3\ ^2D_{5/2}$	–	$2s2p^4\ ^2D_{5/2}$	
	718.562		O II	$2s^22p^3\ ^2D_{3/2}$	–	$2s2p^4\ ^2D_{5/2}$	
5		720.05	?				
6		721.22	?				
8	721.64	721.64*	S II				?
5	724.29	724.29	S III	$3s^23p^2\ ^3P_0$	–	$3s3p^3\ ^3S_1$	
4	725.11	725.13	Ar V	$3s^23p^2\ ^1D_2$	–	$3s3p^3\ ^1D_2$	?
8	725.86	725.87	S III	$3s^23p^2\ ^3P_1$	–	$3s3p^3\ ^3S_1$	
10	728.69	728.68	S III	$3s^23p^2\ ^3P_2$	–	$3s3p^3\ ^3S_1$	
9	729.53	729.53	S III	$3s^23p^2\ ^1D_2$	–	$3s^23p4s\ ^1P_1$	
6	735.8962	735.90	Ne I	$2s^22p^6\ ^1S_0$	–	$2s^22p^53s\ ^1P_1$	?
6	743.7195	743.70	Ne I	$2s^22p^6\ ^1S_0$	–	$2s^22p^53s\ ^3P_1$	
19	744.907	744.91	S IV	$3s^23p\ ^2P_{1/2}$	–	$3s3p^2\ ^2P_{3/2}$	
10	746.984	746.99*	N II	$2s^22p^2\ ^1D_2$	–	$2s^22p3s\ ^1P_1$	
24	748.400	748.40	S IV	$3s^23p\ ^2P_{1/2}$	–	$3s3p^2\ ^2P_{1/2}$	
61	750.228	750.24	S IV	$3s^23p\ ^2P_{3/2}$	–	$3s3p^2\ ^2P_{3/2}$	
17	753.764	753.76	S IV	$3s^23p\ ^2P_{3/2}$	–	$3s3p^2\ ^2P_{1/2}$	
48	758.678	758.67	O V	$2s2p\ ^3P_1$	–	$2p^2\ ^3P_2$	
	759.34	759.35	S IV				
37	759.441	759.45	O V	$2s2p\ ^3P_0$	–	$2p^2\ ^3P_1$	
32	760.228	760.19	O V	$2s2p\ ^3P_1$	–	$2p^2\ ^3P_1$	
119	760.445	760.42	O V	$2s2p\ ^3P_2$	–	$2p^2\ ^3P_2$	
11	761.128	761.15	O V	$2s2p\ ^3P_1$	–	$2p^2\ ^3P_0$	
46	762.003	762.00*	O V	$2s2p\ ^3P_2$	–	$2p^2\ ^3P_1$	
26	763.340	763.31	N III	$2s^22p\ ^2P_{1/2}$	–	$2s2p^2\ ^2S_{1/2}$	
49	764.357	764.36	N III	$2s^22p\ ^2P_{3/2}$	–	$2s2p^2\ ^2S_{1/2}$	
515	765.148	765.15*	N IV	$2s^2\ ^1S_0$	–	$2s2p\ ^1P_1$	
7	767.06	767.07	Ar VI	$3s^23p\ ^2P_{3/2}$	–	$3s3p^2\ ^2D_{5/2}$	?
177	770.409	770.41*	Ne VIII	$2s\ ^2S_{1/2}$	–	$2p\ ^2P_{3/2}$	
7	771.544	771.4	N III	$2s2p^2\ ^4P_{1/2}$	–	$2p^3\ ^4S_{3/2}$	
7	771.901	771.9	N III	$2s2p^2\ ^4P_{3/2}$	–	$2p^3\ ^4S_{3/2}$	
13	772.385	772.25	N III	$2s2p^2\ ^4P_{5/2}$	–	$2p^3\ ^4S_{3/2}$	
7	772.891	772.85	N III	$2s2p^2\ ^2D_{5/2}$	–	$2p^3\ ^2p_{3/2}$	
	772.955		N III	$2s2p^2\ ^2D_{3/2}$	–	$2s2p^2\ ^2P_{1/2}$	
15	774.518	774.47	O V	$2s2p\ ^1P_1$	–	$2p^2\ ^1S_0$	
8		775.34	?				
19	775.965	775.95	N II	$2s^22p^2\ ^1D_2$	–	$2s2p^2\ ^1D_2$	
11		777.91	?				
	779.734		O IV	$2s2p^2\ ^2D_{5/2}$	–	$2p^3\ ^2D_{3/2}$	
	779.821		O IV	$2s2p^2\ ^2D_{3/2}$	–	$2p^3\ ^2D_{3/2}$	
20	779.912	779.88	O IV	$2s2p^2\ ^2D_{5/2}$	–	$2p^3\ ^2D_{5/2}$	
	779.997		O IV	$2s2p^2\ ^2D_{3/2}$	–	$2p^3\ ^2D_{5/2}$	
105	780.324	780.32	Ne VIII	$2s\ ^2S_{1/2}$	–	$2p\ ^2P_{1/2}$	
9		781.65	?				

Peak[1], mW sr^{-1}m^{-2}Å^{-1}	λ_{lit}, Å[2]	λ_{obs}, Å[3]	Line	Transition			Remarks
8	782.36	782.29	Mg VIII	$2s^22p\ ^2P_{3/2}$	–	$2s2p^2\ ^4P_{3/2}$	
266	786.48	786.47	S V	$3s^2\ ^1S_0$	–	$3s3p\ ^1P_1$	
470	787.711	787.72	O IV	$2s^22p\ ^2P_{1/2}$	–	$2s2p^2\ ^2D_{3/2}$	
	790.109		O IV	$2s^22p\ ^2P_{3/2}$	–	$2s2p^2\ ^2D_{3/2}$	
896	790.199	790.19	O IV	$2s^22p\ ^2P_{3/2}$	–	$2s2p^2\ ^2D_{5/2}$	
	796.638		O II	$2s^22p^3\ ^2P_{1/2}$	–	$2s2p^4\ ^2D_{3/2}$	
26	796.661	796.66	O II	$2s^22p^3\ ^2P_{3/2}$	–	$2s2p^4\ ^2D_{5/2}$	
	806.384	806.31	C II	$2s2p^2\ ^4P_{3/2}$	–	$2s2p3s\ ^4P_{5/2}$	
	806.533		C II	$2s2p^2\ ^4P_{1/2}$	–	$2s2p3s\ ^4P_{3/2}$	
20	806.568	806.57	C II	$2s2p^2\ ^4P_{5/2}$	–	$2s2p3s\ ^4P_{5/2}$	
	806.676		C II	$2s2p^2\ ^4P_{3/2}$	–	$2s2p3s\ ^4P_{3/2}$	
	806.686		C II	$2s2p^2\ ^4P_{1/2}$	–	$2s2p3s\ ^4P_{1/2}$	
14	806.830	806.82	C II	$2s2p^2\ ^4P_{3/2}$	–	$2s2p3s\ ^4P_{1/2}$	
	806.860		C II	$2s2p^2\ ^4P_{5/2}$	–	$2s2p3s\ ^4P_{3/2}$	
		809.6	?				
24	809.668	809.67*	S IV	$3s^23p\ ^2P_{1/2}$	–	$3s3p^2\ ^2S_{1/2}$	
17	815.049	815.05	Si IV	$3p\ ^2P_{1/2}$	–	$4s\ ^2S_{1/2}$	
28	815.952	815.95	S IV	$3s^23p\ ^2P_{3/2}$	–	$3s3p^2\ ^2S_{1/2}$	
26	818.129	818.13	Si IV	$3p\ ^2P_{3/2}$	–	$4s\ ^2S_{1/2}$	
19		820.86	?				
26		822.56	?				
	832.762		O II	$2s^22p^3\ ^4S_{3/2}$	–	$2s2p^4\ ^4P_{1/2}$	
216	832.927	832.92	O III	$2s^22p^2\ ^3P_0$	–	$2s2p^3\ ^3D_1$	
192	833.332	833.33	O II	$2s^22p^3\ ^4S_{3/2}$	–	$2s2p^4\ ^4P_{3/2}$	
551	833.742	833.76*	O III	$2s^22p^2\ ^3P_1$	–	$2s2p^3\ ^3D_2$	
259	834.462	834.45	O II	$2s^22p^3\ ^4S_{3/2}$	–	$2s2p^4\ ^4P_{5/2}$	
	835.096		O III	$2s^22p^2\ ^3P_2$	–	$2s2p^3\ ^3D_2$	
842	835.292	835.26	O III	$2s^22p^2\ ^3P_2$	–	$2s2p^3\ ^3D_3$	
37	854.87	854.87	S V	$3s3p\ ^3P_2$	–	$3p^2\ ^3P_2$	?
49	858.0918	858.10	C II	$2s^22p\ ^2P_{1/2}$	–	$2s^23s\ ^2S_{1/2}$	
67	858.5590	858.55*	C II	$2s^22p\ ^2P_{3/2}$	–	$2s^23s\ ^2S_{1/2}$	
53	859.626	859.68	Fe III	$3d^6\ ^5D_2$	–	$3d^5(a^4G)4p\ ^5D_3$	
	859.721		Fe III	$3d^6\ ^5D_4$	–	$3d^5(a^4G)4p\ ^5F_5$	
43	861.761	861.75	Fe III	$3d^6\ ^5D_1$	–	$3d^5(a^2G)4p\ ^5F_2$	
	861.832		Fe III	$3d^6\ ^5D_3$	–	$3d^5(a^4G)4p\ ^5F_4$	
40	864.034	863.90	Fe III	$3d^6\ ^5D_2$	–	$3d^5(a^4P)4p\ ^5F_3$	
64	895.18	895.10	Ne VII	$2s^2\ ^1S_0$	–	$2s2p\ ^3P_1$	
111	903.6235	903.63*	C II	$2s^22p\ ^2P_{1/2}$	–	$2s2p^2\ ^2P_{3/2}$	
139	903.9616	904.01	C II	$2s^22p\ ^2P_{1/2}$	–	$2s2p^2\ ^2P_{1/2}$	
188	904.1416	904.15	C II	$2s^22p\ ^2P_{3/2}$	–	$2s2p^2\ ^2P_{3/2}$	
95	904.4801	904.48	C II	$2s^22p\ ^2P_{3/2}$	–	$2s2p^2\ ^2P_{1/2}$	
	914.576		H I	$1s\ ^2S$	–	$18p\ ^2P$	not resolved
	914.919		H I	$1s\ ^2S$	–	$17p\ ^2P$	not resolved
	915.329		H I	$1s\ ^2S$	–	$16p\ ^2P$	not resolved
82	915.612	915.59	N II	$2s^22p^2\ ^3P_0$	–	$2s2p^3\ ^3P_1$	
	915.824		H I	$1s\ ^2S$	–	$15p\ ^2P$	not resolved
	915.962		N II	$2s^22p^2\ ^3P_1$	–	$2s2p^3\ ^3P_0$	
100	916.012	916.00	N II	$2s^22p^2\ ^3P_1$	–	$2s2p^3\ ^3P_2$	
	916.429		H I	$1s\ ^2S$	–	$14p\ ^2P$	not resolved
122	916.701	916.69 *	N II	$2s^22p^2\ ^3P_2$	–	$2s2p^3\ ^3P_2$	
(44)	917.181		H I	$1s\ ^2S$	–	$13p\ ^2P$	self-absorption
(51)	918.129		H I	$1s\ ^2S$	–	$12p\ ^2P$	self-absorption
14	918.724	918.73	O I	$2s^22p^4\ ^3P_0$	–	$2s^22p^312d\ ^3D_1$	

Peak[1], mW sr^{-1}m^{-2}Å^{-1}	λ_{lit}, Å[2]	λ_{obs}, Å[3]	Line	Transition			Remarks
(49)	919.351		H I	1s ^{2}S	–	11p ^{2}P	] self-absorption
26	919.658	919.69	O I	2s^{2}2p^4 ^{3}P$_2$	–	2s^{2}2p^{3}10d ^{3}D$_3$	]
13	919.908	919.91	O I	2s^{2}2p^4 ^{3}P$_2$	–	2s^{2}2p^{3}11s ^{3}S$_1$	]
	919.971	919.97	O I	2s^{2}2p^4 ^{3}P$_0$	–	2s^{2}2p^{3}11d ^{3}D$_1$	]
(50)	920.963		H I	1s ^{2}S	–	10p ^{2}P	self-absorption
39		921.7	O I ?				
62	921.992	922.01	N IV	2s2p ^{3}P$_1$	–	2p^2 ^{3}P$_2$	
39	922.519	922.51	N IV	2s2p ^{3}P$_0$	–	2p^2 ^{3}P$_1$	
	923.057		N IV	2s2p ^{3}P$_1$	–	2p^2 ^{3}P$_1$	]
(87)	923.150		H I	1s ^{2}S	–	9p ^{2}P	| self-absorption
	923.220		N IV	2s2p ^{3}P$_2$	–	2p^2 ^{3}P$_2$	]
29	923.675	923.60	N IV	2s2p ^{3}P$_1$	–	2p^2 ^{3}P$_0$	
46	924.283	924.27	N IV	2s2p ^{3}P$_2$	–	2p^2 ^{3}P$_1$	
25	924.952	924.97*	O I	2s^{2}2p^4 ^{3}P$_2$	–	2s^{2}2p^{3}8d ^{3}D$_3$	
13	925.442	925.45	O I	2s^{2}2p^4 ^{3}P$_2$	–	2s^{2}2p^{3}9s ^{3}S$_1$	
(66)	926.226		H I	1s ^{2}S	–	8p ^{2}P	] self-absorption
	926.295	926.33	O I	2s^{2}2p^4 ^{3}P$_1$	–	2s^{2}2p^{3}8d ^{3}D$_2$	]
	926.809		O I	2s^{2}2p^4 ^{3}P$_1$	–	2s^{2}2p^{3}9s ^{3}S$_1$	]
14	926.903	926.91	O I	2s^{2}2p^4 ^{3}P$_0$	–	2s^{2}2p^{3}8d ^{3}D$_1$	]
8	927.178	927.22	Fe II	3d^6(a^{5}D)4s ^{6}D$_{7/2}$	–	24^o $_{7/2}$	?
6	927.394	927.41	O I	2s^{2}2p^4 ^{3}P$_0$	–	2s^{2}2p^{3}9s ^{3}S$_1$	
8	–	927.89	He II	2s ^{2}S	–	15p ^{2}P	]
				2p ^{2}P	–	15d ^{2}D	]
6	928.004	928.06	Fe III	3d^6 ^{1}F$_3$	–	3d^5(b^{2}F)4p ^{1}F$_3$	
11	928.474	928.50	Fe III	3d^6 ^{3}G$_5$	–	3d^5(a^{2}I)4p ^{3}H$_6$	
10	929.163	929.22	Fe III	3d^6 ^{3}G$_4$	–	3d^5(a^{2}I)4p ^{3}H$_5$	
31	929.5168	929.56	O I	2s^{2}2p^4 ^{3}P$_2$	–	2s^{2}2p^{3}7d ^{3}D$_3$	
	930.086		Fe III	3d^6 ^{3}G$_3$	–	3d^5(a^{2}I)4p ^{3}H$_4$	]
20	930.2566	930.33	O I	2s^{2}2p^4 ^{3}P$_2$	–	2s^{2}2p^{3}8s ^{3}S$_1$	|
(82)	930.748		H I	1s ^{2}S	–	7p ^{2}P	| self-absorption
	930.8862		O I	2s^{2}2p^4 ^{3}P$_1$	–	2s^{2}2p^{3}7d ^{3}D$_2$	]
18	931.4820	931.50	O I	2s^{2}2p^4 ^{3}P$_0$	–	2s^{2}2p^{3}7d ^{3}D$_1$	
13	931.6282	931.64	O I	2s^{2}2p^4 ^{3}P$_1$	–	2s^{2}2p^{3}8s ^{3}S$_1$	
4	932.0537	932.08	Ar II	2s^{2}2p^5 ^{2}P$_{1/2}$	–	2s2p^6 ^{2}S$_{1/2}$	
7	932.2249	932.23	O I	2s^{2}2p^4 ^{3}P$_0$	–	2s^{2}2p^{3}8s ^{3}S$_1$	
235	933.38	933.39	S VI	3s ^{2}S$_{1/2}$	–	3p ^{2}P$_{3/2}$	
10	934.703	934.69	Fe III	3d^6 ^{3}P$_2$	–	3d^5(a^{4}P)4p ^{3}S$_1$	
12	935.1930	935.19*	O I	2s^{2}2p^4 ^{1}D$_2$	–	2s^{2}2p^{3}4s ^{1}D$_2$	
32	936.6295	936.62	O I	2s^{2}2p^4 ^{3}P$_2$	–	2s^{2}2p^{3}6d ^{3}D$_3$	
(97)	937.803		H I	1s ^{2}S	–	6p ^{2}P	] self-absorption
	937.8405		O I	2s^{2}2p^4 ^{3}P$_2$	–	2s^{2}2p^{3}7s ^{3}S$_1$	|
	938.0200		O I	2s^{2}2p^4 ^{3}P$_1$	–	2s^{2}2p^{3}6d ^{3}D$_2$	]
21	938.6249	938.62*	O I	2s^{2}2p^4 ^{3}P$_0$	–	2s^{2}2p^{3}6d ^{3}D$_1$	
14	939.2346	939.27	O I	2s^{2}2p^4 ^{3}P$_1$	–	2s^{2}2p^{3}7s ^{3}S$_1$	
9	939.8412	939.86	O I	2s^{2}2p^4 ^{3}P$_0$	–	2s^{2}2p^{3}7s ^{3}S$_1$	
8		941.53	?				
15	942.363	942.39	Fe III	3d^6 ^{1}F$_3$	–	3d^5(a^{2}H)4p ^{1}G$_4$	]
	942.490		He II	2s ^{2}S$_{1/2}$	–	11p ^{2}P$_{3/2}$	|
	942.538	942.56	He II	2p ^{2}P$_{3/2}$	–	11d ^{2}D$_{5/2}$	]
8		943.07	C III ?				
7		943.89	?				
15		944.34	Si VIII ?				]
120	944.54	944.52	S VI	3s ^{2}S$_{1/2}$	–	3p ^{2}P$_{1/2}$	]

Peak[1], mW $sr^{-1}m^{-2}Å^{-1}$	λ_{lit}, Å[2]	λ_{obs}, Å[3]	Line	Transition			Remarks
	945.191		C I	$2s^22p^2\ ^3P_0$	–	$2s2p^3\ ^3S_1$	
6	945.338	945.32	C I	$2s^22p^2\ ^3P_1$	–	$2s2p^3\ ^3S_1$	
6	945.579	945.61	C I	$2s^22p^2\ ^3P_2$	–	$2s2p^3\ ^3S_1$	
	945.977	945.99	C II	$2s2p^2\ ^2S_{1/2}$	–	$2s2p3d^2P_{1/2}$	
8	946.198	946.14	C II	$2s2p^2\ ^2S_{1/2}$	–	$2s2p3d\ ^2P_{3/2}$	
7	946.7032	946.67	Mg II	$3s\ ^2S_{1/2}$	–	$6p\ ^2P_{3/2}$	?
9	948.322	948.36	Fe III	$3d^6\ ^3P_2$	–	$3d^5(a^4D)4p\ ^3D_3$	
33	948.6855	948.69*	O I	$2s^22p^4\ ^3P_2$	–	$2s^22p^35d\ ^3D_3$	
(168)	949.743		H I	$1s\ ^2S$	–	$5p\ ^2P$	
	950.1121		O I	$2s^22p^4\ ^3P_1$	–	$2s^22p^35d\ ^3D_2$	self-absorption
33	950.334	950.36	Fe III	$3d^6\ ^1I_6$	–	$3d^5(a^4F)4p\ ^5G_6$	
52	950.722	950.72	Fe III	$3d^6\ ^3P_0$	–	$3d^5(a^4P)4p\ ^3S_1$	
	950.7327		O I	$2s^22p^4\ ^3P_0$	–	$2s^22p^35d\ ^3D_1$	
	950.8846		O I	$2s^22p^4\ ^3P_2$	–	$2s^22p^36s\ ^3S_1$	
4		951.66	?				
11	952.3178	952.32*	O I	$2s^22p^4\ ^3P_1$	–	$2s^22p^36s\ ^3S_1$	
9	952.9413	952.95	O I	$2s^22p^4\ ^3P_0$	–	$2s^22p^36s\ ^3S_1$	
6	953.4150	953.39	N I	$2s^22p^3\ ^4S_{3/2}$	–	$2s^22p^23d\ ^4P_{1/2}$	
6	953.6548	953.64	N I	$2s^22p^3\ ^4S_{3/2}$	–	$2s^22p^23d\ ^4P_{3/2}$	
5	953.9698	953.99	N I	$2s^22p^3\ ^4S_{3/2}$	–	$2s^22p^23d\ ^4P_{5/2}$	
4	955.141	955.13	Fe III	$3d^6\ ^3D_3$	–	$3d^5(a^2F)4p\ ^3G_4$	
8	955.335	955.33	N IV	$2s2p\ ^1P_1$	–	$2p^2\ ^1S_0$	
7	955.572	955.57	Fe III	$3d^6\ ^1D_2$	–	$3d^5(a^2F)4p\ ^1F_3$	
4	957.88		S II	$3s^23p^3\ ^2D_{3/2}$	–	$3s^23p^23d\ ^2D_{3/2}$	
	958.675		He II	$2s\ ^2S_{1/2}$	–	$9p\ ^2P_{3/2}$	
21	958.724	958.70	He II	$2p\ ^2P_{3/2}$	–	$9d\ ^2D_{5/2}$	
9	959.552	959.57	Fe III	$3d^6\ ^3P_1$	–	$3d^5(a^4D)4p\ ^3D_2$	
8	961.901	961.90	Fe III	$3d^6\ ^1D_2$	–	$3d^5(a^2F)4p\ ^1D_2$	
8		962.44	?				
6	962.655	962.67	Fe III	$3d^6\ ^1S_0$	–	$3d^5(a^2D)4p\ ^1P_1$	
8	963.9904	964.00	N I	$2s^22p^3\ ^4S_{3/2}$	–	$2s^22p^24s\ ^4P_{5/2}$	
7	964.6258	964.64	N I	$2s^22p^3\ ^4S_{3/2}$	–	$2s^22p^24s\ ^4P_{3/2}$	
6	965.0415	965.08	N I	$2s^22p^3\ ^4S_{3/2}$	–	$2s^22p^24s\ ^4P_{1/2}$	
17	967.197	967.20*	Fe III	$3d^6\ ^3F_4$	–	$3d^5(a^4D)4p\ ^3D_3$	
11	968.955	968.95	Fe III	$3d^6\ ^3F_3$	–	$3d^5(a^4D)4p\ ^3D_2$	
9	969.954	970.00	Fe III	$3d^6\ ^3F_2$	–	$3d^5(a^4D)4p\ ^3D_1$	
29		971.48	?				
44	971.7381	971.74	O I	$2s^22p^4\ ^3P_2$	–	$2s^22p^34d\ ^3D_3$	
(299)	972.537		H I	$1s\ ^2S$	–	$4p\ ^2P$	self-absorption
41	973.2343	973.25	O I	$2s^22p^4\ ^3P_1$	–	$2s^22p^34d\ ^3D_2$	
31	973.8852	973.89	O I	$2s^22p^4\ ^3P_0$	–	$2s^22p^34d\ ^3D_1$	
26	976.4481	976.45	O I	$2s^22p^4\ ^3P_2$	–	$2s^22p^35s\ ^3S_1$	
6648	977.020	977.04	C III	$2s^2\ ^1S_0$	–	$2s2p\ ^1P_1$	
22	977.9594	977.96	O I	$2s^22p^4\ ^3P_1$	–	$2s^22p^35s\ ^3S_1$	
17	978.6170	978.62	O I	$2s^22p^4\ ^3P_0$	–	$2s^22p^35s\ ^3S_1$	
11	979.032	979.04	Fe III	$3d^6\ ^1F_3$	–	$3d^5(a^2G)4p\ ^1F_3$	
	979.842		N III	$2s2p^2\ ^2D_{3/2}$	–	$2p^3\ ^2D_{3/2}$	
14	979.919	979.86	N III	$2s2p^2\ ^2D_{5/2}$	–	$2p^3\ ^2D_{5/2}$	
50	981.373	981.37*	Fe III	$3d^5(a^4P)4s\ ^5P_2$	–	$3d^5(a^6S)5p\ ^5P_2$	
50	983.860	983.89	Fe III	$3d^6\ ^3H_5$	–	$3d^5(a^4G)4p\ ^3G_4$	
38	985.824	985.82	Fe III	$3d^6\ ^3H_4$	–	$3d^5(a^4G)4p\ ^3G_3$	

Peak[1], $\mathrm{mW\ sr^{-1}m^{-2}\AA^{-1}}$	λ_{lit}, Å[2]	λ_{obs}, Å[3]	Line	Transition	Remarks
12	986.514	986.60	Fe III	$3d^6\ ^3F_4$ – $3d^5(a^4D)4p\ ^5D_3$	
	986.637		Fe III	$3d^6\ ^1I_6$ – $3d^5(a^2I)4p\ ^1H_5$	
7	988.148	988.15	Fe III	$3d^6\ ^3F_3$ – $3d^5(a^4P)4p\ ^3D_2$	
48		988.60	?		
70	988.7734	988.78	O I	$2s^22p^4\ ^3P_2$ – $2s^22p^33s\ ^3D_3$	
343	989.790	989.81	N III	$2s^22p\ ^2P_{1/2}$ – $2s2p^2\ ^2D_{3/2}$	
	990.1269		O I	$2s^22p^4\ ^3P_1$ – $2s^22p^33s\ ^3D_1$	
49	990.2043	990.17	O I	$2s^22p^4\ ^3P_1$ – $2s^22p^33s\ ^3D_2$	
42	990.8010	990.79*	O I	$2s^22p^4\ ^3P_0$ – $2s^22p^33s\ ^3D_1$	
55	991.232	991.21	Fe III	$3d^6\ ^3F_4$ – $3d^5(a^4P)4p\ ^3D_3$	
	991.514		N III	$2s^22p\ ^2P_{3/2}$ – $2s2p^2\ ^2D_{3/2}$	
779	991.579	991.56	N III	$2s^22p\ ^2P_{3/2}$ – $2s2p^2\ ^2D_{5/2}$	
41	992.338	992.36	He II	$2s\ ^2S_{1/2}$ – $7p\ ^2P_{3/2}$	
28	992.6826	992.68	Si II	$3s^23p\ ^2P_{3/2}$ – $3s^24d\ ^2D_{5/2}$	
25	993.080	993.08 *	Fe III	$3d^6\ ^3G_4$ – $3d^5(a^4D)4p\ ^3F_3$	
15	993.519	993.52	Si III	$3s3p\ ^3P_0$ – $3s4s\ ^3S_1$	
27	994.257	994.22	Fe III	$3d^6\ ^3P_2$ – $3d^5(a^4P)4p\ ^3P_1$	
37	994.724	994.72	Fe III	$3d^6\ ^3G_3$ – $3d^5(a^4D)4p\ ^3F_2$	
19	995.150	995.14	Fe III	$3d^6\ ^3F_4$ – $3d^5(a^4G)4p\ ^3G_5$	
	995.223		Fe III	$3d^6\ ^3F_4$ – $3d^5(a^4G)4p\ ^3G_4$	
30	996.00	996.00*	S II	$3s^23p^3\ ^2D_{5/2}$ – $3s^23p^23d^2F_{7/2}$	
28	997.081	997.08	Fe III	$3d^6\ ^3P_2$ – $3d^5(a^4P)4p\ ^3P_2$	
	997.03 P		Ne VI	$2s^22p\ ^2P_{1/2}$ – $2s2p^2\ ^2P_{1/2}$	new wavelength
38	997.389	997.35	Si III	$3s3p\ ^3P_2$ – $3s4s\ ^3S_1$	
21	997.599	997.52	Fe III	$3d^6\ ^3F_3$ – $3d^5(a^4G)4p\ ^3G_4$	?
21	999.18 P	999.2	Ne VI	$2s^22p\ ^2P_{3/2}$ – $2s2p^2\ ^4P_{5/2}$	new wavelength
	999.376		Fe III	$3d^6\ ^3F_2$ – $3d^5(a^4G)4p\ ^3G_3$	
61	999.4974	999.49	O I	$2s^22p^4\ ^1D_2$ – $2s^22p^33s\ ^1P_1$	
23	1000.16	1000.18	Ar VI	$3s^23p\ ^2P_{3/2}$ – $3s3p^24P_{5/2}$	
24	1000.48	1000.50	S II	$3s^23p^3\ ^2D_{3/2}$ – $3s^23p^23d\ ^2F_{5/2}$	
9	1000.75	1000.85	S II	$3s^23p^3\ ^2D_{5/2}$ – $3s^23p^23d\ ^2F_{5/2}$	
12	1005.106	1005.10*	Fe III	$3d^5(a^4S)4p^7P_3$ – $3d^5(a^4G)5s\ ^5G_4$	
17	1005.69 P	1005.78	Ne VI	$2s^22p\ ^2P_{3/2}$ – $2s2p^2\ ^4P_{3/2}$	new wavelength
29	1006.15	1006.14	S II	$3s^23p^3\ ^2D_{5/2}$ – $3s^23p^23d\ ^4D_{7/2}$	
22	1006.341		Fe III	$3d^61G_4$ – $3d^5(a^7I)4p\ ^3I_5$	
12	1006.95	1006.89	S II	$3s^23p^3\ ^2D_{3/2}$ – $3s^23p^23d\ ^4D_{1/2}$	
13	1007.113	1007.06	Fe III	$3d^63P_1$ – $3d^5(a^4P)4p\ ^3P_1$	
27		1008.93	?		
51	1009.858	1009.85	C II	$2s2p^2\ ^4P_{1/2}$ – $2p^34S_{3/2}$	
	1010.005		Fe III	$3d^63P_1$ – $3d^5(a^4P)4p\ ^3P_2$	
78	1010.083	1010.00	C II	$2s2p^2\ ^4P_{1/2}$ – $2p^3\ ^4S_{3/2}$	
	1010.20 P		Ne VI	$2s^22p\ ^2P_{3/2}$ – $2s2p^2\ ^4P_{1/2}$	new wavelength
100	1010.371	1010.28	C II	$2s2p^2\ ^4P_{5/2}$ – $2p^3\ ^4S_{3/2}$	
33	1012.411	1012.42	Fe III	$3d^6\ ^3P_0$ – $3d^5(a^4P)4p\ ^3P_1$	
	1012.50		S III	$3s^23p^2\ ^3P_0$ – $3s3p^33P_1$	
18	1014.42	1014.42*	S II	$3s^23p^3\ ^2D_{5/2}$ – $3s^23p^24s\ ^2P_{3/2}$	?
44	1015.57	1015.50	S III	$3s^23p^2\ ^3P_1$ – $3s3p^3\ ^3P_1$	
36	1015.76	1015.77	S III	$3s^23p^2\ ^3P_1$ – $3s3p^3\ ^3P_2$	
71	1017.254	1017.24	Fe III	$3d^6\ ^3H_6$ – $3d^5(a^4G)4p\ ^3H_6$	
51	1017.745	1017.75	Fe III	$3d^6\ ^3H_5$ – $3d^5(a^4G)4p\ ^3H_5$	
41	1018.286	1018.29	Fe III	$3d^6\ ^3H_4$ – $3d^5(a^4G)4p\ ^3H_4$	

Peak[1], mW sr^{-1}m^{-2}Å^{-1}	λ_{lit}, Å[2]	λ_{obs}, Å[3]	Line	Transition			Remarks
15	1019.53	1019.54	S II	$3s^2 3p^3\ ^2D_{3/2}$	–	$3s^2 3p^2 4s\ ^2P_{1/2}$	
22	1019.789	1019.78	Fe III	$3d^6\ ^3D_3$	–	$3d^5(a^4D)4p\ ^3P_2$	
12	1020.6988	1020.67	Si II	$3s^2 3p\ ^2P_{1/2}$	–	$3s^2 5s\ ^2S_{1/2}$	
40	1021.10	1021.08	S III	$3s^2 3p^2\ ^3P_2$	–	$3s3p^3\ ^3P_1$	
97	1021.32	1021.32	S III	$3s^2 3p^2\ ^3P_2$	–	$3s3p^3\ ^3P_2$	
	1021.561		Fe III	$3d^6\ ^3D_2$	–	$3d^5(a^4D)4p\ ^3P_1$	
19	1023.7002	1023.73	Si II	$3s^2 3p\ ^2P_{3/2}$	–	$3s^2 5s\ ^2S_{1/2}$	
27	1024.108	1024.20	Fe III	$3d^6\ ^3D_1$	–	$3d^5(a^4D)4p\ ^3P_0$	
	1025.246		He II	$2s\ ^2S_{1/2}$	–	$4p\ ^2P_{3/2}$	
(1146)	1025.722		H I	$1s\ ^2S$	–	$3p\ ^2P$	self-absorbed
	1025.7618		O I	$2s^2 2p^4\ ^3P_2$	–	$2s^2 2p^3 3d\ ^3D_3$	
63	1026.790	1026.76	Fe III	$3d^6\ ^3G_5$	–	$3d^5(a^4G)4p\ ^3G_5$	
210	1027.4307	1027.44*	O I	$2s^2 2p^4\ ^3P_1$	–	$2s^2 2p^3 3d\ ^3D_2$	
100	1028.1571	1028.15	O I	$2s^2 2p^4\ ^3P_0$	–	$2s^2 2p^3 3d\ ^3D_1$	
	1030.87		S II	$3s^2 3p^3\ ^2P_{1/2}$	–	$3s^2 3p^2 4s\ ^2D_{3/2}$	
24	1030.924	1030.92	Fe III	$3d^6\ ^3G_4$	–	$3d^5(a^4G)4p\ ^3G_4$	
38	1031.34	1031.39	S II	$3s^2 3p^3\ ^2P_{3/2}$	–	$3s^2 3p^2 4s\ ^2D_{5/2}$	
2465	1031.924	1031.93	O VI	$2s\ ^2S_{1/2}$	–	$2p\ ^2P_{3/2}$	
	1032.123		Fe III	$3d^6\ ^3F_4$	–	$3d^5(a^4G)4p\ ^3F_4$	
28	1033.225	1033.27	Fe III	$3d^6\ ^3F_4$	–	$3d^5(a^4G)4p\ ^3F_3$	
25	1033.298	1033.42	Fe III	$3d^6\ ^3G_3$	–	$3d^5(a^4G)4p\ ^3G_3$	
22	1033.70		?				
52	1035.768	1035.80	Fe III	$3d^6\ ^3F_3$	–	$3d^5(a^4G)4p\ ^3F_3$	
333	1036.3367	1036.34	C II	$2s^2 2p\ ^2P_{1/2}$	–	$2s2p^2\ ^2S_{1/2}$	
357	1037.0182	1037.00	C II	$2s^2 2p\ ^2P_{3/2}$	–	$2s2p^2\ ^2S_{1/2}$	
1482	1037.614	1037.64	O VI	$2s\ ^2S_{1/2}$	–	$2p\ ^2P_{1/2}$	
57	1038.355	1038.36*	Fe III	$3d^6\ ^3F_2$	–	$3d^5(a^4G)4p\ ^3F_2$	
41	1039.2304	1039.22	O I	$2s^2 2p^4\ ^3P_2$	–	$2s^2 2p^3 4s\ ^3S_1$	
44	1040.9425	1040.90*	O I	$2s^2 2p^4\ ^3P_1$	–	$2s^2 2p^3 4s\ ^3S_1$	
39	1041.6876	1041.66*	O I	$2s^2 2p^4\ ^3P_0$	–	$2s^2 2p^3 4s\ ^3S_1$	
17	1043.080	1043.12	N I	$2s^2 2p^3\ ^2D_{5/2}$	–	$2s^2 2p^2 7d\ ^4D_{7/2}$	
	1043.166		N I	$2s^2 2p^3\ ^2D_{5/2}$	–	$2s^2 2p^2 7d\ ^2F_{7/2}$	
17	1044.087	1044.09	N I	$2s^2 2p^3\ ^2D_{3/2}$	–	$2s^2 2p^2 7d\ ^2P_{1/2}$	
	1044.188		N I	$2s^2 2p^3\ ^2D_{5/2}$	–	$2s^2 2p^2 7d\ ^4P_{3/2}$	
32	1045.766	1045.79	Al IV	$2s^2 2p^5 3s\ ^3P_1$	–	$2s^2 2p^5 3p\ ^1S_0$	?
21	1049.06	1049.06	S II	$3s^2 3p^3\ ^2D_{3/2}$	–	$3s^2 3p^2 3d\ ^4F_{3/2}$	
	1049.2		Si VII	$2s^2 2p^4\ ^3P_1$	–	$2s^2 2p^4\ ^1S_0$	
19	1049.82	1049.86	S I	$3s^2 3p^4\ ^3P_2$	–	$3s^2 3p^3 5s^3P_2$	
27	1050.30	1050.30*	S I	$3s^2 3p^4\ ^3P_2$	–	$3s^2 3p^3 5s\ ^3P_1$	
16		1050.51	?				
21		1052.22	?				
23	1053.21	1053.23	S II	$3s^2 3p^3\ ^2P_{5/2}$	–	$2s^2 2p^2 4s\ ^4P_{3/2}$	
22		1059.10	?				
25		1059.52	?				
22	1061.245	1061.27	Fe III	$3d^6\ ^3D_1$	–	$3d^5(a^4D)4p\ ^3D_1$	
31	1061.708	1061.74	Fe III	$3d^6\ ^3D_2$	–	$3d^5(a^4D)4p\ ^3D_2$	
	1061.827		Fe III	$3d^6\ ^3D_1$	–	$3d^5(a^4D)4p\ ^3D_2$	
21	1062.272	1062.25	Fe III	$3d^6\ ^3D_2$	–	$3d^5(a^4D)4p\ ^3D_3$	
158	1062.671	1062.66	S IV	$3s^2 3p\ ^2P_{1/2}$	–	$3s3p^2 2D_{3/2}$	
22	1063.309	1063.33	Fe III	$3d^6\ ^3D_3$	–	$3d^5(a^4D)4p\ ^3D_2$	
37	1063.872	1063.87*	Fe III	$3d^6\ ^3D_3$	–	$3d^5(a^4D)4p\ ^3D_3$	
33	1064.611	1064.65	Fe III	$3d^6\ ^3F_2$	–	$3d^5(a^2G)4p\ ^3G_3$	
35		1065.86	?				

Peak[1], $mW\ sr^{-1}m^{-2}Å^{-1}$	λ_{lit}, Å[2]	λ_{obs}, Å[3]	Line	Transition	Remarks
	1066.143		Fe III	$3d^6\ ^3G_5$ – $3d^5(a^4G)4p\ ^3H_6$	
72	1066.181	1066.12	Fe III	$3d^6\ ^1S_0$ – $3d^5(a^4D)4p\ ^3P_1$	
62	1066.629	1066.65	Si IV	$3d\ ^2D_{5/2}$ – $4f\ ^2F_{7/2}$	
30	1068.19	1068.19	Fe III	$3d^6\ ^3G_4$ – $3d^5(a^4G)4p\ ^3H_5$	
23	1069.019	1069.04	Fe III	$3d^6\ ^3G_3$ – $3d^5(a^4G)4p\ ^3H_4$	
22	1070.556	1070.57	Fe III	$3d^6\ ^3G_4$ – $3d^5(a^4G)4p\ ^3F_4$	
38	1071.746	1071.76*	Fe III	$3d^6\ ^3G_4$ – $3d^5(a^4G)4p\ ^3F_3$	
289	1072.990	1072.99	S IV	$3s^23p\ ^2P_{3/2}$ – $3s3p^22D_{5/2}$	
45	1073.520	1073.55	S IV	$3s^23p\ ^2P_{3/2}$ – $3s3p^22D_{3/2}$	
35	1075.0246	1074.97	Fe III	$3d^6\ ^3G_3$ – $3d^5(a^4G)4p\ ^3F_2$	
143	1077.13	1077.13*	S III	$3s^23p^2\ ^1D_2$ – $3s3p^31D_2$	
187	1083.990	1083.99	N II	$2s^22p^2\ ^3P_0$ – $2s2p^3\ ^3D_1$	
	1084.562		N II	$2s^22p^2\ ^3P_1$ – $2s2p^3\ ^3D_1$	
281	1084.580	1084.60	N II	$2s^22p^2\ ^3P_1$ – $2s2p^3\ ^3D_2$	
170	1084.913	1084.93	He II	$2s\ ^2S_{1/2}$ – $5p\ ^2P_{3/2}$	
	1085.529		N II	$2s^22p^2\ ^3P_2$ – $2s2p^3\ ^3D_1$	
	1085.546		N II	$2s^22p^2\ ^3P_2$ – $2s2p^3\ ^3D_2$	
418	1085.701	1085.71	N II	$2s^22p^2\ ^3P_2$ – $2s2p^3\ ^3D_3$	
41	1092.62	1092.64	S I	$3s^23p^43P_2$ – $3s^23p^3\ 4d\ ^3P_2$	
41	1096.570	1096.58	S II	$3s^23p^3\ ^2D_{3/2}$ – $3s3p^42P_{1/2}$	
43	1097.237	1097.24	N I	$2s^22p^3\ ^2D_{5/2}$ – $2s2p^24d^2F_{7/2}$	
36	1097.31	1097.34	S I	$3s^23p^4\ ^3P_1$ – $3s^23p^3\ 4d\ ^3P_2$	
34	1097.74	1097.80	S I	$3s^23p^4\ ^3P_1$ – $3s^23p^3\ 4d\ ^3P_1$	
68	1097.96	1098.03	S I	$3s^23p^4\ ^3P_1$ – $3s^23p^3\ 4d\ ^3P_0$	
	1098.097		N I	$2s^22p^3\ ^2D_{3/2}$ – $2s2p^24d\ ^4P_{5/2}$	
52	1098.247	1098.20	Fe III	$3d^6\ ^3P_2$ – $3d^5(a^4F)4p\ ^3D_3$	
	1098.261		N I	$2s^22p^3\ ^2D_{3/2}$ – $2s2p^24d\ ^2F_{5/2}$	
37		1098.88	?		
68	1102.32	1102.32*	S II	$3s^23p^3\ ^2D_{5/2}$ – $3s3p^4\ ^2P_{3/2}$	
1433	1108.150/2	1108.16	O IV	$2s^22p\ ^2P_{1/2}$ – $2s2p^2\ ^2P_{1/2}$	2nd order
105	1108.368	1108.37	Si III	$3s3p\ ^3P_0$ – $3s3d\ ^3D_1$	
	1108.794		C I	$2s^22p^2\ ^3P_2$ – $2s^22p13d\ ^1P_1$	
51	1108.804	1108.82	C I	$2s^22p^2\ ^3P_2$ – $2s^22p13d\ ^1F_3$	
	1109.028/2		O IV	$2s^22p\ ^2P_{3/2}$ – $2s2p^2\ ^2P_{3/2}$	2nd order
69	1109.031	1109.00	C I	$2s^22p^2\ ^3P_0$ – $2s^22p13d\ ^3D_1$	
40	1109.233	1109.24	C I	$2s^22p^2\ ^3P_1$ – $2s^22p13d\ ^3D_1$	?
39	1109.836	1109.82	C I	$2s^22p^2\ ^3P_1$ – $2s^22p12d\ ^1P_1$	
252	1109.965	1109.91*	Si III	$3s3p\ ^3P_1$ – $3s3d\ ^3D_2$	
	1110.169		C I	$2s^22p^2\ ^3P_2$ – $2s^22p13d\ ^1P_1$	
51	1110.198	1110.22	C I	$2s^22p^2\ ^3P_2$ – $2s^22p12d\ ^1F_3$	
30	1111.010	1111.01	C I	$2s^22p^2\ ^3P_2$ – $2s^22p12d\ ^3P_3$	
29	1111.421	1111.42	C I	$2s^22p^2\ ^3P_0$ – $2s^22p11d\ ^1P_1$	
36	1111.624	1111.60	C I	$2s^22p^2\ ^3P_1$ – $2s^22p11d\ ^1p_1$	
	1111.957		C I	$2s^22p^2\ ^3P_2$ – $2s^22p11d\ ^1P_1$	
40	1112.003	1111.99	C I	$2s^22p^2\ ^3P_2$ – $2s^22p11d\ ^3F_3$	
32	1112.269	1112.22	C I	$2s^22p^2\ ^3P_0$ – $2s^22p11d\ ^1D_1$	
36	1112.472	1112.47	C I	$2s^22p^2\ ^3P_1$ – $2s^22p11d\ ^3D_1$	
30	1112.806	1112.79	C I	$2s^22p^2\ ^3P_2$ – $2s^22p11d\ ^3D_1$	
	1112.825		C I	$2s^22p^2\ ^3P_2$ – $2s^22p11d\ ^3F_3$	
458	1113.228	1113.23	Si III	$3s3p\ ^3P_2$ – $3s3d\ ^3D_3$	
34	1113.996	1114.00	C I	$2s^22p^2\ ^3P_1$ – $2s^22p10d\ ^1P_1$	

Peak[1], mW sr^{-1}m^{-2}Å^{-1}	λ_{lit}, Å[2]	λ_{obs}, Å[3]	Line	Transition			Remarks
	1114.332		C I	$2s^22p^2\ ^3P_2$	–	$2s^22p10d\ ^1P_1$	
	1114.380		C I	$2s^22p^2\ ^3P_2$	–	$2s^22p10d\ ^1F_3$	
47	1114.457	1114.47	C I	$2s^22p^2\ ^3P_2$	–	$2s^22p10d\ ^3P_1$	
36	1114.628	1114.64	C I	$2s^22p^2\ ^3P_0$	–	$2s^22p10d\ ^3D_1$	
36	1114.832	1114.86	C I	$2s^22p^2\ ^3P_1$	–	$2s^22p10d\ ^3D_1$	
33	1115.168	1115.21	C I	$2s^22p^2\ ^3P_2$	–	$2s^22p10d\ ^3D_1$	
	1115.225		C I	$2s^22p^2\ ^3P_2$	–	$2s^22p10d\ ^3F_3$	
29	1117.000	1117.02	C I	$2s^22p^2\ ^3P_0$	–	$2s^22p9d\ ^1P_1$	
41	1117.205	1117.22	C I	$2s^22p^2\ ^3P_1$	–	$2s^22p9d\ ^1P_1$	
	1117.542		C I	$2s^22p^2\ ^3P_2$	–	$2s^22p9d\ ^1P_1$	
47	1117.581	1117.60	C I	$2s^22p^2\ ^3P_2$	–	$2s^22p9d\ ^3P_2$	
49	1117.724	1117.70	C I	$2s^22p^2\ ^3P_2$	–	$2s^22p9d\ ^3D_3$	
41	1117.866	1117.88	C I	$2s^22p^2\ ^3P_0$	–	$2s^22p9d\ ^3D_1$	
	1118.070		C I	$2s^22p^2\ ^3P_1$	–	$2s^22p9d\ ^3D_1$	
40	1118.180	1118.16	C I	$2s^22p^2\ ^3P_1$	–	$2s^22p9d\ ^3F_2$	
	1118.408		C I	$2s^22p^2\ ^3P_2$	–	$2s^22p9d\ ^3D_1$	
32	1118.491	1118.49*	C I	$2s^22p^2\ ^3P_2$	–	$2s^22p9d\ ^3F_2$	
90		1118.90	?				
27		1119.10	?				
30	1121.452	1121.47	C I	$2s^22p^2\ ^3P_0$	–	$2s^22p8d\ ^3P_1$	
38	1121.658	1121.65	C I	$2s^22p^2\ ^3P_1$	–	$2s^22p8d\ ^3P_1$	
27	1121.998	1121.91	C I	$2s^22p^2\ ^3P_2$	–	$2s^22p8d\ ^3P_1$	
47	1122.098	1122.13	C I	$2s^22p^2\ ^3P_2$	–	$2s^22p8d\ ^3P_2$	
	1122.334		C I	$2s^22p^2\ ^3P_2$	–	$2s^22p8d\ ^3D_3$	
	1122.438		C I	$2s^22p^2\ ^3P_0$	–	$2s^22p8d\ ^3D_1$	
599	1122.486	1122.52	Si IV	$3p\ ^2P_{1/2}$	–	$3d\ ^2D_{3/2}$	
	1122.526		Fe III	$3d^6\ ^5D_4$	–	$3d^5(a^6S)4p\ ^5P_3$	
	1122.644		C I	$2s^22p^2\ ^3P_1$	–	$2s^22p8d\ ^3D_1$	
	1122.794		C I	$2s^22p^2\ ^3P_1$	–	$2s^22p8d\ ^3F_2$	
	1122.985		C I	$2s^22p^2\ ^3P_2$	–	$2s^22p8d\ ^3D_1$	
42	1123.107	1123.09	C I	$2s^22p^2\ ^3P_2$	–	$2s^22p8d\ ^3F_3$	
22		1123.44	?				
19		1124.13	?				
265	1124.883	1124.90*	Fe III	$3d^6\ ^5D_3$	–	$3d^5(a^6S)4p\ ^5P_2$	
401	1125.60/2	1125.64	Ne VI	$2s^22p\ ^3P_{3/2}$	–	$2s2p^2\ ^2D_{5/2}$	2nd order
115	1126.728	1126.72	Fe III	$3d^6\ ^5D_2$	–	$3d^5(a^6S)4p\ ^5P_1$	
175	1128.056	1128.05	Fe III	$3d^6\ ^5D_3$	–	$3d^5(a^6S)4p\ ^5P_3$	
190	1128.340	1128.35	Si IV	$3p\ ^2P_{3/2}$	–	$3d\ ^2D_{5/2}$	
191	1128.723	1128.72	Fe III	$3d^6\ ^5D_2$	–	$3d^5(a^6S)4p\ ^5P_2$	
	1129.030		C I	$2s^22p^2\ ^3P_2$	–	$2s^22p7d\ ^1P_1$	
	1129.141		C I	$2s^22p^2\ ^3P_2$	–	$2s^22p7d\ ^3D_3$	
145	1129.190	1129.19	Fe III	$3d^6\ ^5D_1$	–	$3d^5(a^6S)4p\ ^5P_1$	
38	1129.624	1129.60	C I	$2s^22p^2\ ^3P_1$	–	$2s^22p7d\ ^3F_2$	
36	1129.924	1129.92	C I	$2s^22p^2\ ^3P_2$	–	$2s^22p7d\ ^3F_3$	
69	1130.404	1130.40*	Fe III	$3d^6\ ^5D_0$	–	$3d^5(a^6S)4p\ ^5P_1$	
73	1131.194	1131.18	Fe III	$3d^6\ ^5D_1$	–	$3d^5(a^6S)4p\ ^5P_2$	
28	1131.65	1131.60	S II	$3s^23p^3\ ^2P_{3/2}$	–	$3s^23p^24s\ ^2P_{1/2}$	?
40	1131.914	1131.92	Fe III	$3d^6\ ^5D_2$	–	$3d^5(a^6S)4p\ ^5P_3$	
102		1133.68	?				

Peak[1], mW sr^{-1}m^{-2}Å^{-1}	λ_{lit}, Å[2]	λ_{obs}, Å[3]	Line	Transition			Remarks	
24	1134.1651	1134.16	N I	$2s^22p^3\ ^4S_{3/2}$	–	$2s2p^4\ ^4P_{1/2}$		
35	1134.4147	1134.39	N I	$2s^22p^3\ ^4S_{3/2}$	–	$2s2p^4\ ^4P_{3/2}$		
45	1134.9801	1134.98*	N I	$2s^22p^3\ ^4S_{3/2}$	–	$2s2p^4\ ^4P_{5/2}$		
24		1135.55	?					
25	1136.51	1136.56	Ne V	$2s^22p^2\ ^3P_1$	–	$2s2p^3\ ^5S_2$		
65	1139.093	1138.97	C I	$2s^22p^2\ ^3P_2$	–	$2s^22p6d\ ^3P_2$		
42	1139.766	1139.82	C I	$2s^22p^2\ ^3P_1$	–	$2s^22p7s\ ^3P_2$	⌉	
	1139.812		C I	$2s^22p^2\ ^3P_2$	–	$2s^22p6d\ ^3D_3$	⌋	
33	1140.357	1140.37	C I	$2s^22p^2\ ^3P_1$	–	$2s^22p6d\ ^3F_1$		
34	1140.641	1140.63	C I	$2s^22p^2\ ^3P_2$	–	$2s^22p6d\ ^3F_3$		
22	1141.272	1141.29	Fe III	$3d^6\ ^1G_4$	–	$3d^5(a^2H)4p\ ^1H_5$		
29	1141.6246	1141.68	C II	$2s2p^2\ ^2D_{5/2}$	–	$2s^24p\ ^2P_{3/2}$		
31	1142.272	1142.34	Fe III	$3d^6\ ^1G_4$	–	$3d^5(a^4G)4p\ ^1H_5$	⌉	
37	1142.464	1142.46*	Fe III	$3d^6\ ^3D_2$	–	$3d^5(a^4G)4p\ ^3F_3$	⌋	
50	1142.955	1143.00	Fe III	$3d^6\ ^3D_3$	–	$3d^5(a^4G)4p\ ^3F_4$		
44	1143.671	1143.67	Fe III	$3d^6\ ^3D_1$	–	$3d^5(a^4G)4p\ ^3F_2$		
38	1145.61	1145.62	Ne V	$2s^22p^2\ ^3P_2$	–	$2s2p^3\ ^5S_2$		
28		1148.69	?					
36	1150.882	1150.80	O III				?	
96	1152.1512	1152.15*	O I	$2s^22p^4\ ^1D_2$	–	$2s^22p^33s\ ^1D_2$		
49	1155.99	1156.00	S I	$3s^23p^4\ ^3P_2$	–	$3s^23p^33d\ ^3P_2$		
84	1156.26	1156.27	S I	$3s^23p^4\ ^3P_2$	–	$3s^23p^33d\ ^3P_1$		
37		1160.78	?					
87	1161.35	1161.35*	S I	$3s^23p^4\ ^3P_1$	–	$3s^23p^33d\ ^3P_2$		
72	1161.57	1161.58	S I	$3s^23p^4\ ^3P_1$	–	$3s^23p^33d\ ^3P_1$		
74	1161.72	1161.75	S I	$3s^23p^4\ ^3P_1$	–	$3s^23p^33d\ ^3P_0$		
72	1164.04	1164.02	S I	$3s^23p^4\ ^3P_2$	–	$3s^23p^33d\ ^1D_2$	?	
	1168.536	1168.54	N I	$2s^22p^3\ ^2D_{3/2}$	–	$2s^22p^23d\ ^2F_{5/2}$	⌉	
1756	1168.66/2	1168.68	He I	$1s^2\ ^1S_0$	–	$2p\ ^1P_1$	⌋	2nd order
969	1174.933	1174.88	C III	$2s2p\ ^3P_1$	–	$2p^2\ ^3P_2$		
726	1175.263	1175.24	C III	$2s2p\ ^3P_0$	–	$2p^2\ ^3P_1$		
	1175.590		C III	$2s2p\ ^3P_1$	–	$2p^2\ ^3P_1$	⌉	
2114	1175.711	1175.74	C III	$2s2p\ ^3P_2$	–	$2p^2\ ^3P_2$	⌋	
904	1175.987	1175.98	C III	$2s2p\ ^3P_1$	–	$2p^2\ ^3P_0$		
939	1176.370	1176.37	C III	$2s2p\ ^3P_2$	–	$2p^2\ ^3P_1$		

[1] The numbers in the first column represent the peak intensity of the lines. The continuum background is not subtracted. These entries have been corrected for the instrument spectral response by applying the radiometric calibration. Intensities of EUV lines in the upper solar atmosphere changes on short time scales. Since the various parts of the spectrum were not recorded simultaneously, the numbers in the first column should be used only as rough indications to the relative strengths of the particular transition. Blends normally have no intensity (or wavelength measurement entry) except for some cases where they could partially be separated. The same applies for members of the Lyman series since their line shape is strongly affected by the self-absorption. Blends are indicated in the last column by brackets.

[2] Wavelengths are mostly from the compilation by R.L. Kelly (1987). For lines with blends more than one wavelength is given, including unresolved lines if there is evidence (e.g. from the second order spectrum) that they may contribute to some extent.

[3] The wavelengths were obtained by averaging measurements from two different detector recordings. Lines marked by an asterisk were taken as reference lines for the wavelength calibration. Lines without identification are included as well and indicated by a '?' in column 4. Questionable identifications are marked by a '?' in the last column.

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