Table 1. Line List - List of spectral lines in the wavelength range from 668 Å to 1611 Å identified in SUMER spectra of the average quiet Sun (QS), a coronal hole (CH) and a sunspot on disk (SS). Spectral lines observed in second order of diffraction which are also given here, extend the lower wavelength limit to below 500 Å. For each entry we give the observed wavelengths in angstrøm, the identification, the transition, the peak of spectral radiance, L^{peak}, in mW (sr m^2 Å)$^{-1}$ (incl. background), and a cross-reference to other line lists available in the literature (cf., Sect. 5.1). For second-order lines radiance entries are generally not provided, since the background separation in both orders of diffraction is a non-trivial task, which can not be automated. Only a few radiance values of strong second-order lines with negligible first-order contribution are given, which are marked by an asterisk (*). References in last column: (0) Curdt et al. (1997), (1) Feldman et al. (1997), (3) new line or new identification, (4) Kelly (1987) or Cohen (1978) or Sandlin (1986). This line list complements Fig.4 of the SUMER Spectral Atlas.

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
668.41					1.8	3
669.00	(d)				1.0	0
670.02	Al X	$2s\,2p\ ^1P_1 - 2p^2\ ^1D_2$			1.2	0
671.01	N II	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,3s\ ^3P_2$	1.1		0.2	1
671.37	Cl VI	$3s^2\ ^1S_0 - 3s\,3p\ ^1P_1$	2.5		5.5	3
671.39	N II	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,3s\ ^3P_2$				1
671.42	N II	$2s^2\,2p^2\ ^3P_0 - 2s^2\,2p\,3s\ ^3P_1$				1
671.63	N II	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,3s\ ^3P_1$				1
671.77	N II	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,3s\ ^3P_0$	1.1	0.2	0.3	1
672.01	N II	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,3s\ ^3P_1$	1.0	0.2	0.7	1
672.55					1.4	3
672.97	O II	$2s^2\,2p^3\ ^2P_{3/2} - 2s^2\,2p^2\,3s\ ^2P_{3/2}$	1.5	1.1	0.2	1
673.82	O II	$2s^2\,2p^3\ ^2P_{1/2} - 2s^2\,2p^2\,3s\ ^2P_{1/2}$	1.1	0.8	0.4	1
674.20			0.7		1.6	3
674.41	S V ?		0.9	0.8	0.6	4
676.49	Si IX	$2s^2\,2p^2\ ^3P_1 - 2s\,2p^3\ ^5S_2$	2.0	1.0	5.4	0
676.81	(e)		1.5	0.5	2.6	0
677.74	S III	$3s^2\,3p^2\ ^3P_0 - 3s^2\,3p\,3d\ ^3D_1$	2.0	1.3	1.2	1
678.46	S III	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,3d\ ^3D_2$	2.7	2.0	1.5	1
679.11	S III	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,3d\ ^3D_1$	1.6	1.1	0.9	1
679.75	Mg VIII	$2s\,2p^2\ ^2P_{1/2} - 2p^3\ ^2D_{3/2}$	1.0	0.5	3.0	0
680.39	Al IX	$2s^2\,2p\ ^2P_{1/2} - 2s\,2p^2\ ^4P_{3/2}$	4.2	1.0	8.5	0
680.70	S III	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,3d\ ^3D_3$	7.7	3.6	2.8	1
680.97	S III	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,3d\ ^3D_2$	4.4	2.2	1.4	1
681.51	S III	$3s^2\,3p^2\ ^3P_0 - 3s^2\,3p\,4s\ ^3P_1$	3.5	2.0	6.7	1
681.68	Na IX	$1s^2\,2s\ ^2S_{1/2} - 1s^2\,2p\ ^2P_{3/2}$	11	3.9	58	0
683.05	S III	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,4s\ ^3P_0$	1.7	1.1	0.6	1
683.53	S III	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,4s\ ^3P_2$	5.7	3.7	1.6	1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
684.71			2.1	1.3	0.7	1
684.99	N III	$2s^2\,2p\ ^2P_{1/2}$ – $2s\,2p^2\ ^2P_{3/2}$	12	7.9	4.4	1
685.50	N III	$2s^2\,2p\ ^2P_{1/2}$ – $2s\,2p^2\ ^2P_{1/2}$	23	15	8.9	1
685.79	N III	$2s^2\,2p\ ^2P_{3/2}$ – $2s\,2p^2\ ^2P_{3/2}$	54	37	20	1
686.33	N III	$2s^2\,2p\ ^2P_{3/2}$ – $2s\,2p^2\ ^2P_{1/2}$	12	8.4	9.7	1
686.43	(c)					1
686.77			1.7	1.0		1
687.05	C II	$2s^2\,2p\ ^2P_{1/2}$ – $2s^2\,3d\ ^2D_{3/2}$	7.6	5.7	2.1	1
687.35	C II	$2s^2\,2p\ ^2P_{3/2}$ – $2s^2\,3d\ ^2D_{5/2}$	13	8.5	2.8	1
688.99			2.0	1.4	0.8	1
689.61	Mg VIII	$2s\,2p^2\ ^2P_{3/2}$ – $2p^3\ ^2D_{5/2}$	2.2	1.3	4.8	0
690.09			2.0	1.4	1.0	1
690.53	C III	$2s\,2p\ ^1P_1$ – $2s\,3s\ ^1S_0$	8.8	6.0	1.4	1
691.21	N III	$2s\,2p^2\ ^2D_{5/2}$ – $2s^2\,3p\ ^2P_{3/2}$	2.5	1.6	2.9	1
691.40	N III	$2s\,2p^2\ ^2D_{3/2}$ – $2s^2\,3p\ ^2P_{1/2}$	3.9	2.8	29	1
691.40	Ca IX	$3s^2\ ^1S_0$ – $3s\,3p\ ^3P_1$	3.9	2.8	29	0
693.33	Fe VIII ?	$3p^6\,4p\ ^2P_{1/2}$ – $3p^6\,4d\ ^2D_{3/2}$	1.8	1.2	1.6	0
693.98	Mg IX	$2s^2\ ^1S_0$ – $2s\,2p\ ^3P_2$	4.3	1.9	28	0
694.13	Na IX	$1s^2\,2s\ ^2S_{1/2}$ – $1s^2\,2p\ ^2P_{1/2}$	8.0	3.6	28	0
694.70	Si IX	$2s^2\,2p^2\ ^3P_2$ – $2s\,2p^3\ ^5S_2$	7.9	2.7	18	0
695.06	(c)		2.5	1.5	3.7	0
696.61	S V	$3s\,3p\ ^1P_1$ – $3s\,3d\ ^1D_2$	5.0	3.1	9.7	1
697.12	(c)		3.1	2.4	25	0
698.71	S III	$3s^2\,3p^2\ ^3P_0$ – $3s^2\,3p\,3d\ ^3P_1$	2.9	1.8	0.9	1
700.11	S III	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,3d\ ^3P_2$	6.0	9.7	17	1
700.22	Ar VIII	$2p^6\,3s\ ^2S_{1/2}$ – $2p^6\,3p\ ^2P_{3/2}$	13	9.7	51	0
700.29	S III	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,3d\ ^3P_0$				1
702.33	O III	$2s^2\,2p^2\ ^3P_0$ – $2s\,2p^3\ ^3P_1$	35	24	23	1
702.82	O III	$2s^2\,2p^2\ ^3P_1$ – $2s\,2p^3\ ^3P_0$				1
702.89	O III	$2s^2\,2p^2\ ^3P_1$ – $2s\,2p^3\ ^3P_2$	92	63	64	1
703.87	O III	$2s^2\,2p^2\ ^3P_2$ – $2s\,2p^3\ ^3P_2$	154	101	108	1
706.02	Mg IX	$1s^2\,2s^2\ ^1S_0$ – $1s^2\,2s\,2p\ ^3P_1$	27	10	87	0
706.50	S VI	$2p^6\,3p\ ^2P_{1/2}$ – $2p^6\,3d\ ^2D_{3/2}$	3.7	2.5	13	1
707.72	(c)		1.9	1.4	1.4	0
708.44	(c)		2.2	1.3	1.3	0
709.21	Ar V	$3s^2\,3p^2\ ^3P_1$ – $3s\,3p^3\ ^3P_2$	2.2	1.5	2.0	1
710.78	(a)		2.6	1.5	5.2	5

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
710.94	S III ?		6.5	3.5	2.3	1
712.68	S VI	$2p^6\,3p\ ^2P_{3/2} - 2p^6\,3d\ ^2D_{5/2,3/2}$	5.1	3.2	21	1
713.80	Ar VIII	$2p^6\,3s\ ^2S_{1/2} - 2p^6\,3p\ ^2P_{1/2}$	6.9	4.8	24	1
714.79			2.4	1.4	1.2	3
715.61	Ar V	$3s^2\,3p^2\ ^3P_2 - 3s\,3p^3\ ^3P_{1,2}$	2.7	1.7	4.9	1
717.00	S V ?		2.7	1.4	2.6	3
717.69	Fe VIII ?	$3p^6\,4p\ ^2P_{3/2} - 3p^6\,4d\ ^2D_{5/2}$	2.6	1.5	2.1	0
718.23	(e)		3.7	2.0	4.1	0
718.49	O II	$2s^2\,2p^3\ ^2D_{5/2} - 2s\,2p^4\ ^2D_{5/2}$	47	29	7.9	1
718.56	O II	$2s^2\,2p^3\ ^2D_{3/2} - 2s\,2p^4\ ^2D_{5/2}$				1
719.35	S IX	$2s^2\,2p^3\,3p\ ^3F_4 - 2s^2\,2p^3\,3d\ ^3G_5$	2.4	1.4	1.4	0
720.11			2.6	1.5	0.8	1
721.23	(c)		4.4	3.2	44	1
721.68	S II	$3s^2\,3p^3\ ^2D_{5/2} - 3s^2\,3p^2\,4d\ ^4F_{7/2}$	3.6	2.1	1.1	1
723.75	(c)				2.9	0
724.26	S III	$3s^2\,3p^2\ ^3P_0 - 3s\,3p^3\ ^3S_1$	3.0	2.0	2.2	1
725.11	Ar V	$3s^2\,3p^2\ ^1D_2 - 3s\,3p^3\ ^1D_2$	3.0	2.0	3.5	1
725.86	S III	$3s^2\,3p^2\ ^3P_1 - 3s\,3p^3\ ^3S_1$	4.1	2.6	1.4	1
725.87	(c)					1
728.10					2.5	3
728.70	S III	$3s^2\,3p^2\ ^3P_2 - 3s\,3p^3\ ^3S_1$	5.2	3.4	2.0	1
729.54	S III	$3s^2\,3p^2\ ^1D_2 - 3s^2\,3p\,4s\ ^1P_1$	3.7	2.4	1.1	1
735.24	(c)		3.4	2.4	1.2	0
735.42					1.7	3
735.86	Ne I	$2p^6\ ^1S_0 - 2p^5\,3s\ ^1P_1$	4.8	3.2	2.5	1
736.71					3.4	3
738.87					5.0	3
740.03	Ar VIII ?	$2p^6\,4d\ ^2D_{5/2} - 2p^6\,5p\ ^2P_{3/2}$	3.5	2.5	16	3
740.79					4.6	3
741.14					4.6	3
743.71	Ne I	$2p^6\ ^1S_0 - 2p^5\,3s\ ^3P_1$	5.9	4.0	11	1
744.91	S IV	$3s^2\,3p\ ^2P_{1/2} - 3s\,3p^2\ ^2P_{3/2}$	8.6	5.6	13	1
745.38					5.8	3
745.55					5.3	3
745.84	N II	$2s^2\,2p^2\ ^1S_0 - 2s2p^3\ ^1P_1$	4.2	2.7	3.2	1
746.65					3.5	3
746.99	N II	$2s^2\,2p^2\ ^1D_2 - 2s^2\,2p\,3s\ ^1P_1$	6.8	4.2	2.5	1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
747.37					5.3	3
748.40	S IV	$3s^2\,3p\ ^2P_{1/2}$ – $3s\,3p^2\ ^2P_{1/2}$	13	8.4	32	1
749.01					8.1	3
749.54	Mg IX	$1s^2\,2s\,2p\ ^1P_1$ – $1s^2\,2p^2\ ^1D_2$	7.6	3.5	38	0
750.22	S IV	$3s^2\,3p\ ^2P_{3/2}$ – $3s\,3p^2\ ^2P_{3/2}$	27	18	73	1
750.58	(a)				6.7	0
751.46	(a)				5.7	0
753.22					9.0	3
753.74	S IV	$3s^2\,3p\ ^2P_{3/2}$ – $3s\,3p^2\ ^2P_{1/2}$	8.3	5.3	14	1
754.93	Ar VI	$3s^2\,3p\ ^2P_{1/2}$ – $3s\,3p^2\ ^2D_{3/2}$	4.7	2.8	27	0
756.70	Al VIII ?	$2s^2\,2p^2\ ^3P_1$ – $2s\,2p^3\ ^5S_2$	4.1	2.8	5.3	0
757.15	(a)				15	0
758.68	O V	$2s\,2p\ ^3P_1$ – $2p^2\ ^3P_2$	21	16	603	1
759.34	S IV					1
759.43	O V	$2s\,2p\ ^3P_0$ – $2p^2\ ^3P_1$	18	12	474	1
760.21	O V	$2s\,2p\ ^3P_1$ – $2p^2\ ^3P_1$	19	11	362	1
760.43	O V	$2s\,2p\ ^3P_2$ – $2p^2\ ^3P_2$	59	41	1865	1
761.13	O V	$2s\,2p\ ^3P_1$ – $2p^2\ ^3P_0$	6.2	3.9	89	1
761.99	O V	$2s\,2p\ ^3P_2$ – $2p^2\ ^3P_1$	21	15	547	1
762.65	Mg VIII	$2s^2\,2p\ ^2P_{1/2}$ – $2s\,2p^2\ ^4P_{3/2}$	5.2	3.3	12	0
763.33	N III	$2s^2\,2p\ ^2P_{1/2}$ – $2s\,2p^2\ ^2S_{1/2}$	14	9.6	14	1
764.36	N III	$2s^2\,2p\ ^2P_{3/2}$ – $2s\,2p^2\ ^2S_{1/2}$	25	16	22	1
765.15	N IV	$2s^2\ ^1S_0$ – $2s\,2p\ ^1P_1$	247	157	970	1
767.07	Ar VI	$3s^2\,3p\ ^2P_{3/2}$ – $3s\,3p^2\ ^2D_{5/2}$	6.5	4.4	45	0
769.38	Mg VIII	$2s^2\,2p\ ^2P_{1/2}$ – $2s\,2p^2\ ^4P_{1/2}$	6.6	4.3	25	0
770.42	Ne VIII	$1s^2\,2s\ ^2S_{1/2}$ – $1s^2\,2p\ ^2P_{3/2}$	241	174	1950	1
771.90	N III	$2s\,2p^2\ ^4P_{3/2}$ – $2p^3\ ^4S_{3/2}$	6.8	4.4	14	1
772.31	Mg VIII	$2s^2\,2p\ ^2P_{3/2}$ – $2s2p^2\ ^4P_{5/2}$	13	9.3	190	0
772.34	N III	$2s\,2p^2\ ^4P_{5/2}$ – $2p^3\ ^4S_{3/2}$	13	9.3	190	1
772.54	Al VIII	$2s^2\,2p^2\ ^3P_2$ – $2s2p^3\ ^5S_2$	6.6	4.1	32	0
772.89	N III	$2s\,2p^2\ ^2D_{5/2}$ – $2p^3\ ^2P_{3/2}$	6.2	3.8	7.3	1
774.51	O V	$2s\,2p\ ^1P_1$ – $2p^2\ ^1S_0$	10	6.8	120	1
775.35			7.7	5.0	7.9	1
775.95	N II	$2s^2\,2p^2\ ^1D_2$ – $2s\,2p^3\ ^1D_2$	11	7.5	7.9	1
776.23	S X	$2s^2\,2p^3\ ^4S_{3/2}$ – $2s^2\,2p^3\ ^2P_{3/2}$	7.6	3.7	14	0
776.62	(b)				16	0
777.94			7.1	5.1	7.6	3

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
[779.73	O IV	$2s\,2p^2\ ^2D_{5/2} - 2p^3\ ^2D_{3/2}$				1
779.82]	O IV	$2s\,2p^2\ ^2D_{3/2} - 2p^3\ ^2D_{3/2}$	11	7.6	75	1
779.91	O IV	$2s\,2p^2\ ^2D_{5/2} - 2p^3\ ^2D_{5/2}$	11	7.4	75	1
780.00	O IV	$2s\,2p^2\ ^2D_{3/2} - 2s^3\ ^2D_{5/2}$				1
780.30	Ne VIII	$1s^2\,2s\ ^2S_{1/2} - 1s^2\,2p\ ^2P_{1/2}$	127	90	982	1
782.34	Mg VIII	$2s^2\,2p\ ^2P_{3/2} - 2s\,2p^2\ ^4P_{3/2}$	10	6.8	81	0
783.01	S XI	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p^2\ ^1S_0$	7.1	4.4	8.8	0
784.52	Fe VII	$3d\,4p\ ^3F_1 - 3d\,4d\ ^3S_1$			10	3
784.81	Fe VII	$3d\,4p\ ^3P_0 - 3d\,4d\ ^3S_1$			11	3
786.47	S V	$3s^2\ ^1S_0 - 3s\,3p\ ^1P_1$	92	64	895	1
787.72	O IV	$2s^2\,2p\ ^2P_{1/2} - 2s\,2p^2\ ^2D_{3/2}$	164	105	1676	1
789.43	Mg VIII	$2s^2\,2p\ ^2P_{3/2} - 2s\,2p^2\ ^4P_{1/2}$	8.3	5.9	28	0
789.78	Na VIII	$2s^2\ ^1S_0 - 2s\,2p\ ^3P_1$	9.0	6.5	35	0
[790.11	O IV	$2s^2\,2p\ ^2P_{3/2} - 2s\,2p^2\ ^2D_{3/2}$				1
790.19]	O IV	$2s^2\,2p\ ^2P_{3/2} - 2s\,2p^2\ ^2D_{5/2}$	305	215	3623	1
792.77	(b)				20	0
795.23	(a)				10	0
796.66	O II	$2s^2\,2p^3\ ^2P_{3/2} - 2s\,2p^4\ ^2D_{5/2}$	15	9.0	12	1
799.11	(c)				12	0
799.66	C II	$2s\,2p^2\ ^2D_{5/2} - 2s\,2p\,3d\ ^2F_{7/2}$	10	6.4	10	3
799.94	C II	$2s\,2p^2\ ^2D_{3/2} - 2s\,2p\,3d\ ^2F_{5/2}$	9.9	6.2	11	3
800.69	Cl VII	$2p^6\,3s\ ^2S_{1/2} - 2p^6\,3p\ ^2P_{3/2}$			20	0
801.69	Ar IV ?	$3s^2\,3p^3\ ^2D_{5/2} - 3s\,3p^4\ ^2D_{5/2}$			25	0
803.46	(e)				18	0
804.16	(b)				47	0
806.31	C II	$2s\,2p^2\ ^4P_{3/2} - 2s\,2p\,3s\ ^4P_{5/2}$	10	6.5	8.1	1
[806.53	C II	$2s\,2p^2\ ^4P_{1/2} - 2s\,2p\,3s\ ^4P_{3/2}$				1
806.57	C II	$2s\,2p^2\ ^4P_{5/2} - 2s\,2p\,3s\ ^4P_{5/2}$	12	8.6	11	1
806.68]	C II	$2s\,2p^2\ ^4P_{3/2} - 2s\,2p\,3s\ ^4P_{3/2}$				1
[806.83	C II	$2s\,2p^2\ ^4P_{3/2} - 2s\,2p\,3s\ ^4P_{1/2}$	11	7.3	11	1
806.86]	C II	$2s\,2p^2\ ^4P_{5/2} - 2s\,2p\,3s\ ^4P_{3/2}$				1
[809.66	S IV	$3s^2\,3p\ ^2P_{1/2} - 3s\,3p^2\ ^2S_{1/2}$	13	8.7	22	1
809.68]	C II	$2s\,2p^2\ ^2D_{5/2} - 2s\,2p\,3d\ ^2D_{5/2}$				1
811.55					14	3
813.00	Cl VII	$2p^6\,3s\ ^2S_{1/2} - 2p^6\,3p\ ^2P_{1/2}$			16	0
813.38	Fe III	$3d^6\ ^5D_4 - 3d^5\,4p\ ^5D_4$	12	7.5	11	4
814.24	Fe III	$3d^6\ ^5D_2 - 3d^5\,4p\ ^5P_1$	12	7.0	12	4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
815.05	Si IV	$2p^6\,3p\ ^2P_{1/2} - 2p^6\,4s\ ^2S_{1/2}$	14	8.5	17	1
815.95	S IV	$3s^2\,3p\ ^2P_{3/2} - 3s\,3p^2\ ^2S_{1/2}$	18	10	33	1
816.45			13	8.6	13	3
818.15	Si IV	$2p^6\,3p\ ^2P_{3/2} - 2p^6\,4s\ ^2S_{1/2}$	18	11	29	1
820.89			15	9.5	16	1
821.23	Ca IX	$3s\,3p\ ^1P_1 - 3p^2\ ^1D_2$			29	0
822.19	Ar V	$3s^2\,3p^2\ ^3P_0 - 3s\,3p^3\ ^3D_1$	14	9.1	17	0
822.56			18	11	18	1
823.45	Si III	$3s\,3p\ ^1P_1 - 3s\,4d\ ^1D_2$	16	9.8	19	4
827.06	Ar V	$3s^2\,3p^2\ ^3P_1 - 3s\,3p^3\ ^3D_2$	15	10	19	0
832.75	O II	$2s^2\,2p^3\ ^4S_{3/2} - 2s\,2p^4\ ^4P_{1/2}$	72	49	59	1
832.94	O III	$2s^2\,2p^2\ ^3P_0 - 2s\,2p^3\ ^3D_1$	87	55	153	1
833.32	O II	$2s^2\,2p^3\ ^4S_{3/2} - 2s\,2p^4\ ^4P_{3/2}$	110	69	84	1
833.74	O III	$2s^2\,2p^2\ ^3P_1 - 2s\,2p^3\ ^3D_2$	204	126	383	1
834.45	O II	$2s^2\,2p^3\ ^4S_{3/2} - 2s\,2p^4\ ^4P_{5/2}$	151	96	100	1
835.09	O III	$2s^2\,2p^2\ ^3P_2 - 2s\,2p^3\ ^3D_2$	89	65	127	1
835.28	O III	$2s^2\,2p^2\ ^3P_2 - 2s\,2p^3\ ^3D_3$	290	179	589	1
849.29	S V	$3s\,3p\ ^3P_1 - 3p^2\ ^3P_2$	24	15	38	0
852.17	S V	$3s\,3p\ ^3P_0 - 3p^2\ ^3P_1$	23	15	44	0
854.71	Mg VII	$2s^2\,2p^2\ ^3P_1 - 2s\,2p^3\ ^5S_2$	31	18	140	0
854.80	S V	$3s\,3p\ ^3P_2 - 3p^2\ ^3P_2$				0
856.73	(f)				45	0
857.82	S V	$3s\,3p\ ^3P_1 - 3p^2\ ^3P_0$	28	16	40	0
858.04	C II	$2s^2\,2p\ ^2P_{1/2} - 2s^2\,3s\ ^2S_{1/2}$	35	20	36	1
858.53	C II	$2s^2\,2p\ ^2P_{3/2} - 2s^2\,3s\ ^2S_{1/2}$	43	26	40	1
859.63	Fe III	$3d^6\ ^5D_2 - 3d^5\,4p\ ^5D_3$				1
859.72	Fe III	$3d^6\ ^5D_4 - 3d^5\,4p\ ^5F_5$	35	21	34	1
860.48	S V	$3s\,3p\ ^3P_2 - 3p^2\ ^3P_2$	29	17	50	0
861.76	Fe III	$3d^6\ ^5D_1 - 3d^5\,4p\ ^5F_2$	34	20	38	1
861.83	Fe III	$3d^6\ ^5D_3 - 3d^5\,4p\ ^5F_4$				1
864.03	Fe III	$3d^6\ ^5D_2 - 3d^5\,4p\ ^5F_3$	31	19	45	1
868.13	Mg VII	$2s^2\,2p^2\ ^3P_2 - 2s\,2p^3\ ^5S_2$	33	21	226	0
872.12	Na VII	$2s^2\,2p\ ^2P_{3/2} - 2s\,2p^2\ ^4P_{5/2}$			59	0
873.78	(b)				52	0
877.92	Ar VII	$3s^2\ ^1S_0 - 3s\,3p\ ^3P_1$			76	0
880.33	Na VII	$2s^2\,2p\ ^2P_{3/2} - 2s\,2p^2\ ^4P_{3/2}$			57	0
885.33	(b)				63	0

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
895.17	Ne VII	$2s^2\ ^1S_0$ – $2s\,2p\ ^3P_1$	49	35	396	0
903.59	C II	$2s^2 2p\ ^2P_{1/2}$ – $2s\,2p^2\ ^2P_{3/2}$	74	44	80	1
903.99	C II	$2s^2 2p\ ^2P_{1/2}$ – $2s\,2p^2\ ^2P_{1/2}$	82	60	83	1
904.14	C II	$2s^2 2p\ ^2P_{3/2}$ – $2s\,2p^2\ ^2P_{3/2}$	120	74	101	1
904.46	C II	$2s^2 2p\ ^2P_{3/2}$ – $2s\,2p^2\ ^2P_{1/2}$	63	39	78	1
905.02	Si VII	$2p^3 3p\ ^5P_2$ – $2p^3 3d\ ^5D_{2,3}$			103	0
914.29	H I Ly 18	$1s\ ^2S_{1/2}$ – $19p\ ^2P_{3/2}$	43	25	73	1
914.58	H I Ly 17	$1s\ ^2S_{1/2}$ – $18p\ ^2P_{3/2}$	41	25	72	1
914.92	H I Ly 16	$1s\ ^2S_{1/2}$ – $17p\ ^2P_{3/2}$	43	24	73	1
915.33	H I Ly 15	$1s\ ^2S_{1/2}$ – $16p\ ^2P_{3/2}$	43	24	77	1
915.60	N II	$2s^2 2p^2\ ^3P_0$ – $2s\,2p^3\ ^3P_1$	25	16	36	1
915.82	H I Ly 14	$1s\ ^2S_{1/2}$ – $15p\ ^2P_{3/2}$	43	26	84	1
916.00	N II	$2s^2 2p^2\ ^3P_1$ – $2s\,2p^3\ ^3P_{0,1,2}$	48	25	69	1
916.43	H I Ly 13	$1s\ ^2S_{1/2}$ – $14p\ ^2P_{3/2}$	45	25	80	1
916.70	N II	$2s^2 2p^2\ ^3P_2$ – $2s\,2p^3\ ^3P_{1,2}$	49	28	66	1
917.18	H I Ly 12	$1s\ ^2S_{1/2}$ – $13p\ ^2P_{3/2}$	44	26	89	1
918.13	H I Ly 11	$1s\ ^2S_{1/2}$ – $12p\ ^2P_{3/2}$	45	24	92	1
918.73	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 12d\ ^3D_1$	3.9	2.4	4.2	1
918.84	Si VII	$2p^3 3p\ ^3F_4$ – $2p^3 3d\ ^3G_5$				1
919.35	H I Ly 10	$1s\ ^2S_{1/2}$ – $11p\ ^2P_{3/2}$	49	26	91	1
919.65	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 10d\ ^3D_3$	10	6.4	11	1
919.91	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 11s\ ^3S_1$	4.8	2.6	4.2	1
919.97	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 11d\ ^3D_1$				1
920.97	H I Ly 9	$1s\ ^2S_{1/2}$ – $10p\ ^2P_{3/2}$	49	31	99	1
921.58	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 10d\ ^3D_1$	5.2	2.9	11	1
922.01	O I	$2s^2 2p^4\ ^1D_2$ – $2s^2 2p^3 3d\ ^1F_3$	17	10	78	1
921.99	N IV	$2s\,2p\ ^3P_1$ – $2p^2\ ^3P_2$				1
922.07	O I	$2s^2 2p^4\ ^1D_2$ – $2s^2 2p^3 3d\ ^1D_2$				1
922.53	N IV	$2s\,2p\ ^3P_0$ – $2p^2\ ^3P_1$	7.3	4.1	57	1
922.46	O I	$2s^2 2p^4\ ^1D_2$ – $2s^2 2p^3 3d\ ^1P_1$				1
923.15	H I Ly 8	$1s\ ^2S_{1/2}$ – $9p\ ^2P_{3/2}$	64	41	230	1
923.20	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 9d\ ^3D_2$				1
923.22	N IV	$2s\,2p\ ^3P_2$ – $2p^2\ ^3P_2$				1
923.68	N IV	$2s\,2p\ ^3P_1$ – $2p^2\ ^3P_0$				1
923.79	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 9d\ ^3D_1$	5.9	3.3	39	1
924.08	S VII	$2p^5 3s\ ^3P_1$ – $2p^5 3p\ ^3D_2$	4.2	2.3	9.8	0
924.28	N IV	$2s\,2p\ ^3P_2$ – $2p^2\ ^3P_1$	7.8	4.2	76	1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
924.96	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 8d\ ^3D_3$	10	5.9	9.1	1
925.44	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 9s\ ^3S_1$	4.7	2.8	3.6	1
925.82	He II	$2p\ ^2P_{3/2}$ – $16d\ ^2D_{5/2}$	5.7	3.1	14	4
926.23	H I Ly 7	$1s\ ^2S_{1/2}$ – $8p\ ^2P_{3/2}$	64	39	130	1
926.29	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 8d\ ^3D_2$				1
926.81	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 9s\ ^3S_1$	5.7	3.7	3.9	1
926.90	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 8d\ ^3D_1$				1
927.19			2.2	1.3	4.7	1
927.39	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 9s\ ^3S_1$	2.0	1.3	2.1	1
927.85	He II	$2p\ ^2P_{3/2}$ – $15d\ ^2D_{5/2}$	3.5	1.7	15	1
928.01	Fe III	$3d^6\ ^1F_3$ – $3d^5 4p\ ^1F_3$	1.8	1.0	4.8	1
928.47	Fe III	$3d^6\ ^3G_5$ – $3d^5 4p\ ^3H_6$	2.2	1.1	4.3	1
929.17	Fe III	$3d^6\ ^3G_4$ – $3d^5 4p\ ^3H_5$	1.9	1.1	2.9	1
929.52	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 7d\ ^3D_3$	12	7.6	11	1
930.09	Fe III	$3d^6\ ^3G_3$ – $3d^5 4p\ ^3H_4$	2.6	1.5	2.7	1
930.32	He II	$2p\ ^2P_{3/2}$ – $14d\ ^2D_{5/2}$	8.6	5.4	24	1
930.26	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 8s\ ^3S_1$				1
930.75	H I Ly 6	$1s\ ^2S_{1/2}$ – $7p\ ^2P_{3/2}$	77	48	164	1
930.89	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 7d\ ^3D_2$				1
931.48	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 7d\ ^3D_1$	6.8	4.1	5.0	1
931.63	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 8s\ ^3S_1$				1
932.22	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 8s\ ^3S_1$	2.7	1.5	1.6	1
933.40	S VI	$2p^6 3s\ ^2S_{1/2}$ – $2p^6 3p\ ^2P_{3/2}$	57	31	1586	1
933.44	He II	$2p\ ^2P_{3/2}$ – $13d\ ^2D_{5/2}$				1
934.70	Fe III	$3d^6\ ^3P_2$ – $3d^5 4p\ ^3S_1$	1.7	1.1	6.5	1
935.19	O I	$2s^2 2p^4\ ^1D_2$ – $2s^2 2p^3 4s\ ^1D_2$	4.3	2.4	5.4	1
936.63	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 6d\ ^3D_3$	14	8.6	14	1
937.39	He II	$2p\ ^2P_{3/2}$ – $12d\ ^2D_{5/2}$	10	5.6	34	0
937.40	S II	$3s^2 3p^3\ ^2D_{3/2}$ – $3s^2 3p^2 4s\ ^2D_{3/2}$				0
937.80	H I Ly 5	$1s\ ^2S_{1/2}$ – $6p\ ^2P_{3/2}$	107	68	210	1
937.84	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 7s\ ^3S_1$				1
938.02	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 6d\ ^3D_2$				1
938.62	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 6d\ ^3D_1$	8.3	4.9	8.3	1
939.24	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 7s\ ^3S_1$	6.2	3.9	9.1	1
939.84	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 7s\ ^3S_1$	3.6	2.3	3.5	1
941.47			2.4	1.4		1
942.39	Fe III	$3d^6\ ^1F_3$ – $3d^5 4p\ ^1G_4$	2.5	1.5	8.0	1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
942.51	He II	$2p\ ^2P_{3/2}$ – $11d\ ^2D_{5/2}$	5.5	2.8	32	1
943.03			1.8	1.1	5.8	1
943.89			2.2	1.3	2.7	1
944.34	Si VIII	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^3\ ^2P_{3/2}$	14	8.7	17	0
944.55	S VI	$2p^6 3s\ ^2S_{1/2}$ – $2p^6 3p\ ^2P_{1/2}$	29	18	784	1
945.19	C I	$2s^2 2p^2\ ^3P_0$ – $2s\,2p^3\ ^3S_1$				1
945.33	C I	$2s^2 2p^2\ ^3P_1$ – $2s\,2p^3\ ^3S_1$	3.6	2.0	5.4	1
945.59	C I	$2s^2 2p^2\ ^3P_2$ – $2s\,2p^3\ ^3S_1$	3.7	2.2	5.8	1
945.99	C II	$2s\,2p^2\ ^2S_{1/2}$ – $2s\,2p\,3d\ ^2P_{1/2}$	2.2	1.3	6.5	1
946.19	C II	$2s\,2p^2\ ^2S_{1/2}$ – $2s\,2p\,3d\ ^2P_{3/2}$	2.7	1.4	8.6	1
946.65	Mg II	$2p^6 3s\ ^2S_{1/2}$ – $2p^6 6p\ ^2P_{3/2,1/2}$	1.8	1.0	6.9	1
948.31	Fe III	$3d^6\ ^3P_2$ – $3d^5 4p\ ^3D_3$	2.1	1.1	2.1	1
948.70	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 5d\ ^3D_3$	9	11	18	1
949.22	Si VIII	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^3\ ^2P_{1/2}$				0
949.36	He II	$2p\ ^2P_{3/2}$ – $10d\ ^2D_{5/2}$	16	9.7	111	0
949.74	H I Ly 4	$1s\ ^2S_{1/2}$ – $5p\ ^2P_{3/2}$	177	109	348	1
950.11	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 5d\ ^3D_2$	31	16	67	1
950.14	Si IX	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p^2\ ^1S_0$				1
950.34	Fe III	$3d^6\ ^1I_6$ – $3d^5 4p\ ^5G_6$	7.7	3.8	24	1
950.72	Fe III	$3d^6\ ^3P_0$ – $3d^5 4p\ ^3S_1$	15	9.2	30	1
950.73	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 5d\ ^3D_1$				1
950.89	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 6s\ ^3S_1$	9.4	6.1	9.9	1
952.34	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 6s\ ^3S_1$	5.8	3.6	4.1	1
952.95	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 6s\ ^3S_1$	3.9	2.5	1.8	1
953.42	N I	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^2 3d\ ^4P_{1/2}$	3.0	1.8	1.6	1
953.66	N I	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^2 3d\ ^4P_{3/2}$	3.6	2.0	3.1	1
953.98	N I	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^2 3d\ ^4P_{5/2}$	3.3	1.8	3.7	1
954.52	/2					3
955.34	N IV	$2s\,2p\ ^1P_1$ – $2p^2\ ^1S_0$	2.4	1.4	7.6	1
955.45			2.4	1.4	7.6	3
955.88					1.9	3
957.11			1.4	0.8	7.0	3
957.75	(a)		1.6	0.9	2.6	0
958.70	He II	$2p\ ^2P_{3/2}$ – $9d\ ^2D_{5/2}$	8.5	4.2	45	1
959.57	Fe III	$3d^6\ ^3P_1$ – $3d^5 4p\ ^3D_2$	2.2	1.2	2.4	1
961.90	Fe III	$3d^6\ ^1D_2$ – $3d^5 4p\ ^1D_2$	2.0	1.1	2.9	1
962.44			2.3	1.3	5.7	1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
962.67	Fe III	$3d^6\ ^1S_0$ – $3d^5 4p\ ^1P_1$	1.9	1.0	1.6	1
963.88	Fe III	$3d^6\ ^3P_0$ – $3d^5 4p\ ^3D_1$				1
963.99	N I	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^2 4s\ ^4P_{5/2}$	4.3	2.4	3.9	1
964.63	N I	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^2 4s\ ^4P_{3/2}$	3.6	2.0	2.2	1
965.04	N I	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^2 4s\ ^4P_{1/2}$	2.8	1.7	2.0	1
965.28	(d)		1.8	1.1	5.6	0
966.68					4.7	3
967.20	Fe III	$3d^6\ ^3F_4$ – $3d^5 4p\ ^3D_3$	2.9	1.7	6.7	1
968.95	Fe III	$3d^6\ ^3F_3$ – $3d^5 4p\ ^3D_2$	2.5	1.6	2.9	1
970.00	Fe III	$3d^6\ ^3F_2$ – $3d^5 4p\ ^3D_1$	2.2	1.5	2.9	1
971.45			10	6.4	8.0	1
971.72	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 4d\ ^3D_3$	28	17	25	1
972.12	He II	$2p\ ^2P_{3/2}$ – $8d\ ^2D_{5/2}$	27	16	75	0
972.54	H I Ly 3	$1s\ ^2S_{1/2}$ – $4p\ ^2P_{3/2}$	266	196	815	1
973.24	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 4d\ ^3D_2$	24	15	57	1
973.35	Ne VII	$2s\,2p\ ^1P_1$ – $2p^2\ ^1D_2$	11	15	57	0
973.89	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 4d\ ^3D_1$	15	9.1	20	1
974.58	(d)		3.4	2.3		0
975.85	(d)				6.0	0
976.44	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 5s\ ^3S_1$	12	8.3	11	1
977.03	C III	$2s^2\ ^1S_0$ – $2s\,2p\ ^1P_1$	2412	1878	6713	1
977.96	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 5s\ ^3S_1$	9.8	6.6	10	1
978.62	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 5s\ ^3S_1$	7.2	4.7	12	1
979.03	Fe III	$3d^6\ ^1F_3$ – $3d^5 4p\ ^1F_3$	5.7	3.1	0	1
979.84	N III	$2s\,2p^2\ ^2D_{3/2}$ – $2p^3\ ^2D_{3/2}$				1
979.91	N III	$2s\,2p^2\ ^2D_{5/2}$ – $2p^3\ ^2D_{5/2}$	4.0	2.5	6.3	1
980.40					3.5	3
981.40	Fe III	$3d^5 4s\ ^5P_2$ – $3d^5 5p\ ^5P_2$	6.6	3.9	11	1
982.14			2.1	1.4	2.1	3
983.51	Fe III	$3d^6\ ^1G_4$ – $3d^5 4p\ ^3H_5$	2.2	1.4	1.9	4
983.87	Fe III	$3d^6\ ^3H_5$ – $3d^5 4p\ ^3G_4$	7.1	3.5	11	1
983.91	Fe III	$3d^6\ ^1I_6$ – $3d^5 4p\ ^1K_7$				1
984.97			2.2	1.4	2.2	3
985.40			2.2	1.4	1.8	3
985.84	Fe III	$3d^6\ ^3H_4$ – $3d^5 4p\ ^3G_3$	5.5	2.9	8.8	1
986.51	Fe III	$3d^6\ ^3F_4$ – $3d^5 4p\ ^5D_3$				1
986.62	Fe III	$3d^6\ ^1I_6$ – $3d^5 4p\ ^1H_5$	2.7	1.7	4.0	1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
987.91	(a)				3.1	0
988.17	Fe III	$3d^6\ ^3F_3$ – $3d^5 4p\ ^3D_2$	2.4	1.6	2.5	1
988.75	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 3s\ ^3D_3$	61	35	81	1
988.65	Na VI	$2s^2 2p^2\ ^3P_2$ – $2s\ 2p^3\ ^5S_2$				1
989.82	N III	$2s^2 2p\ ^2P_{1/2}$ – $2s\ 2p^2\ ^2D_{3/2}$	81	37	219	1
990.19	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 3s\ ^3D_{2,1}$	42	24	41	1
990.79	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 3s\ ^3D_1$	21	12	21	1
991.23	Fe III	$3d^6\ ^3F_4$ – $3d^5 4p\ ^3D_3$	9.5	4.4	13	1
991.59	N III	$2s^2 2p\ ^2P_{3/2}$ – $2s\ 2p^2\ ^2D_{5/2,3/2}$	152	66	410	1
991.83	Fe III	$3d^6\ ^1G_4$ – $3d^5 4p\ ^1H_5$	18	9.2	23	3
992.36	He II	$2p\ ^2P_{3/2}$ – $7d\ ^2D_{5/2}$	15	7.7	76	1
992.68	Si II	$3s^2 3p\ ^2P_{3/2}$ – $3s^2 4d\ ^2D_{5/2}$	11	6.7	24	1
992.73	Ne VI	$2s^2 2p\ ^2P_{1/2}$ – $2s\ 2p^2\ ^4P_{3/2}$				1
993.08	Fe III	$3d^6\ ^3G_4$ – $3d^5 4p\ ^3F_3$	5.0	2.9	8.8	1
993.52	Si III	$3s\ 3p\ ^3P_0$ – $3s\ 4s\ ^3S_1$	4.3	2.3	8.0	1
994.16			8.1	5.2	6.3	3
994.26	Fe III	$3d^6\ ^3P_2$ – $3d^5 4p\ ^3P_1$				3
994.59	K XIII	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^3\ ^2D_{3/2}$	3.2	2.1	5.9	3
994.59	Si VIII	$2p^2 3p\ ^4D_{7/2}$ – $2p^2 3d\ ^4F_{9/2}$				4
994.77	Fe III	$3d^6\ ^3G_3$ – $3d^5 4p\ ^3F_2$	6.6	3.4	14	1
995.22	Fe III	$3d^6\ ^3F_4$ – $3d^5 4p\ ^3G_{4,5}$	4.2	2.4	4.5	1
995.63					4.6	3
996.00	S II	$3s^2 3p^3\ ^2D_{5/2}$ – $3s^2 3p^2 3d\ ^2F_{7/2}$	6.6	3.5	15	1
997.09	Fe III	$3d^6\ ^3P_2$ – $3d^5 4p\ ^3P_2$	6.4	3.9	46	1
997.18	Ne VI	$2s^2 2p\ ^2P_{1/2}$ – $2s\ 2p^2\ ^4P_{1/2}$	6.4	3.9	46	0
997.40	Si III	$3s\ 3p\ ^3P_2$ – $3s\ 4s\ ^3S_1$	8.0	4.1	20	1
997.64	Fe III	$3d^6\ ^3F_3$ – $3d^5 4p\ ^3G_4$	4.0	2.6	10	1
998.05					10	3
999.27	Ne VI	$2s^2 2p\ ^2P_{3/2}$ – $2s\ 2p^2\ ^4P_{5/2}$	9.8	6.1	261	0
999.38	Fe III	$3d^6\ ^3F_2$ – $3d^5 4p\ ^3G_3$				1
999.50	O I	$2s^2 2p^4\ ^1D_2$ – $2s^2 2p^3 3s\ ^1P_1$	31	19	40	1
999.85					19	3
1000.18	Ar VI	$3s^2 3p\ ^2P_{3/2}$ – $3s\ 3p^2\ ^4P_{5/2}$	7.6	4.9	19	0
1000.49	S II	$3s^2 3p^3\ ^2D_{3/2}$ – $3s^2 3p^2 3d\ ^2F_{5/2}$	5.7	3.4	14	1
1000.85	S II	$3s^2 3p^3\ ^2D_{5/2}$ – $3s^2 3p^2 3d\ ^2F_{5/2}$	3.3	2.2	6.5	1
1005.12	Fe III	$3d^5 4p\ ^7P_3$ – $3d^5 5s\ ^5G_4$	3.8	2.4	4.1	1
1005.33	Si III	$3s\ 3d\ ^3D_4$ – $3s\ 6f\ ^3F_{4,3}$	3.2	2.2	3.5	4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1005.79	Ne VI	$2s^2\,2p\ ^2P_{3/2}$ – $2s\,2p^2\ ^4P_{3/2}$	6.6	4.6	147	0
1006.01	N III	$2s\,2p^2\ ^2S_{1/2}$ – $2p^3\ ^2P_{3/2}$				1
1006.11	S II	$3s^2\,3p^3\ ^2D_{5/2}$ – $3s^2\,3p^2\,3d\ ^4D_{7/2}$	6.9	3.9	10	1
1006.33	Fe III	$3d^6\ ^1G_4$ – $3d^5\,4p\ ^3I_5$	4.6	2.8	2.9	1
1006.92	S II	$3s^2\,3p^3\ ^2D_{3/2}$ – $3s^2\,3p^2\,3d\ ^4D_{1/2}$	4.0	2.5	4.5	1
1007.11	Fe III	$3d^6\ ^3P_1$ – $3d^5\,4p\ ^3P_1$	3.8	2.5	4.2	1
1008.93			10	6.6	5.7	1
1009.85	C II	$2s\,2p^2\ ^4P_{1/2}$ – $2p^3\ ^4S_{3/2}$	10	3.9	8.2	1
1010.01	Fe III	$3d^6\ ^3P_1$ – $3d^5\,4p\ ^3P_2$				1
1010.03	C II	$2s\,2p^2\ ^4P_{3/2}$ – $2p^3\ ^4S_{3/2}$	16	7.8	14	1
1010.29	Ne VI	$2s^2\,2p\ ^2P_{3/2}$ – $2s\,2p^2\ ^4P_{1/2}$	21	5.8	63	0
1010.37	C II	$2s\,2p^2\ ^4P_{5/2}$ – $2p^3\ ^4S_{3/2}$	21	10	63	1
1011.61					7.6	3
1012.41	Fe III	$3d^6\ ^3P_0$ – $3d^5\,4p\ ^3P_1$				1
1012.45	S III	$3s^2\,3p^2\ ^3P_0$ – $3s\,3p^3\ ^3P_1$	6.4	3.7	12	1
1012.65			4.1	2.4	10	3
1013.88			3.5	2.3	6.8	3
1014.39	S II	$3s^2\,3p^3\ ^2D_{5/2}$ – $3s^2\,3p^2\,4s\ ^2P_{3/2}$	5.6	3.0	5.5	1
1015.50	S III	$3s^2\,3p^2\ ^3P_1$ – $3s\,3p^3\ ^3P_1$	8.8	4.5	15	1
1015.77	S III	$3s^2\,3p^2\ ^3P_1$ – $3s\,3p^3\ ^3P_2$	6.7	4.0	13	1
1016.40			4.1	2.5	3.3	3
1017.24	Fe III	$3d^6\ ^3H_6$ – $3d^5\,4p\ ^3H_6$	10	5.7	15	1
1017.75	Fe III	$3d^6\ ^3H_5$ – $3d^5\,4p\ ^3H_5$	8.0	4.5	10	1
1018.29	Fe III	$3d^6\ ^3H_4$ – $3d^5\,4p\ ^3H_4$	7.5	4.1	9.0	1
1019.48	S II	$3s^2\,3p^3\ ^2D_{3/2}$ – $3s^2\,3p^2\,4s\ ^2P_{1/2}$	4.8	3.0	9.2	1
1019.78	Fe III	$3d^6\ ^3D_3$ – $3d^5\,4p\ ^3P_2$	5.0	2.9	5.6	1
1020.67	Si II	$3s^2\,3p\ ^2P_{1/2}$ – $3s^2\,5s\ ^2S_{1/2}$	4.8	3.2	6.5	1
1021.08	S III	$3s^2\,3p^2\ ^3P_2$ – $3s\,3p^3\ ^3P_1$	7.8	4.8	14	1
1021.30	S III	$3s^2\,3p^2\ ^3P_2$ – $3s\,3p^3\ ^3P_2$	14	8.0	29	1
1021.56	Fe III	$3d^6\ ^3D_2$ – $3d^5\,4p\ ^3P_1$	5.3	3.6	4.8	1
1023.73	Si II	$3s^2\,3p\ ^2P_{3/2}$ – $3s^2\,5s\ ^2S_{1/2}$	7.9	5.2	8.8	1
1024.20	Fe III	$3d^6\ ^3D_1$ – $3d^5\,4p\ ^3P_0$	9.7	6.6	12	1
1024.62					19	3
1025.27	He II	$2p\ ^2P_{3/2}$ – $4d\ ^2D_{5/2}$	120	86	283	1
1025.72	H I Ly 2	$1s\ ^2S_{1/2}$ – $3p\ ^2P_{3/2}$	1092	692	3392	1
1025.76	O I	$2s^2\,2p^4\ ^3P_2$ – $2s^2\,2p^3\,3d\ ^3D_3$				1
1026.76	Fe III	$3d^6\ ^3G_5$ – $3d^5\,4p\ ^3G_5$	19	13	21	1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1027.44	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 3d\ ^3D_2$	124	73	187	1
1028.15	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 3d\ ^3D_1$	55	36	146	1
1028.95	(e)		6.4	3.6	15	0
1030.05			6.5	4.1		3
1030.87	S II	$3s^2 3p^3\ ^2P_{1/2}$ – $3s^2 3p^2 4s\ ^2D_{3/2}$				1
1030.92	Fe III	$3d^6\ ^3G_4$ – $3d^5 4p\ ^3G_4$	7.2	4.4	13	1
1031.39	S II	$3s^2 3p^3\ ^2P_{3/2}$ – $3s^2 3p^2 4s\ ^2D_{5/2}$	9.3	6.3	38	1
1031.93	O VI	$2s\ ^2S_{1/2}$ – $2p\ ^2P_{3/2}$	1140	602	70382	1
1033.30	Fe III	$3d^6\ ^3G_3$ – $3d^5 4p\ ^3G_3$	6.4	4.5	18	1
1033.42	N I	$2s^2 2p^3\ ^2D_{5/2}$ – $2s^2 2p^2 9d\ ^2D_{5/2}$				1
1035.78	Fe III	$3d^6\ ^3F_3$ – $3d^5 4p\ ^3F_3$	9.1	5.8	17	1
1036.34	C II	$2s^2 2p\ ^2P_{1/2}$ – $2s\,2p^2\ ^2S_{1/2}$	206	110	223	1
1037.00	C II	$2s^2 2p\ ^2P_{3/2}$ – $2s\,2p^2\ ^2S_{1/2}$	239	130	242	1
1037.64	O VI	$2s\ ^2S_{1/2}$ – $2p\ ^2P_{1/2}$	545	303	25689	1
1038.36	Fe III	$3d^6\ ^3F_2$ – $3d^5 4p\ ^3F_2$	9.4	6.0	27	1
1039.22	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 4s\ ^3S_1$	29	19	36	1
1040.94	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 4s\ ^3S_1$	29	19	21	1
1041.69	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 4s\ ^3S_1$	27	16	22	1
1043.08	N I	$2s^2 2p^3\ ^2D_{5/2}$ – $2s^2 2p^2 7d\ ^4D_{7/2}$	7.1	4.5	6.7	1
1043.17	N I	$2s^2 2p^3\ ^2D_{5/2}$ – $2s^2 2p^2 7d\ ^2F_{7/2}$				1
1043.52					8.1	3
1044.08	N I	$2s^2 2p^3\ ^2D_{3/2}$ – $2s^2 2p^2 7d\ ^2P_{1/2}$	6.9	4.4	6.3	1
1044.19	N I	$2s^2 2p^3\ ^2D_{5/2}$ – $2s^2 2p^2 7d\ ^2P_{3/2}$				1
1044.43	He I/2	$1s^2\ ^1S_0$ – $1s\,4p\ ^1P_1$				0
1045.75	Al IV?	$2s^2 2p^5 3s\ ^3P_1$ – $2s^2 2p^5 3p\ ^1S_0$	8.6	5.5	5.2	1
1048.22	(a)		8.1	5.5		0
1049.07	S II	$3s^2 3p^3\ ^2D_{3/2}$ – $3s^2 3p^2 3d\ ^4F_{3/2}$	7.3	4.9	7.7	1
1049.25	Si VII	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^4\ ^1S_0$	7.8	5.6	58	0
1049.86	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 5s\ ^3P_2$	7.2	5.1	4.8	1
1050.30	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 5s\ ^3P_1$	11	8.2	4.1	1
1050.51			8.4	5.5	3.7	1
1051.60	O III/2	$2s^2 2p^2\ ^1D_2$ – $2s\,2p^3\ ^1P_1$				4
1052.08	N I	$2s^2 2p^3\ ^2D_{5/2}$ – $2s^2 2p^2 6d\ ^4D_{7/2}$				1
1052.22	N I	$2s^2 2p^3\ ^2D_{5/2}$ – $2s^2 2p^2 6d\ ^2F_{7/2}$	9.0	6.2	5.0	1
1052.83	N I	$2s^2 2p^3\ ^2D_{5/2}$ – $2s^2 2p^2 7s\ ^2P_{3/2}$	7.8	5.1	4.9	4
1053.09	N I	$2s^2 2p^3\ ^2D_{3/2}$ – $2s^2 2p^2 6d\ ^4P_{5/2}$				4
1053.18	N I	$2s^2 2p^3\ ^2D_{3/2}$ – $2s^2 2p^2 6d\ ^2P_{1/2}$	9.2	6.0	4.5	4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1053.87	Al VII	$2s^2\,2p^3\ ^4S_{3/2}$ – $2s^2\,2p^3\ ^2P_{3/2}$	7.6	5.1	19	0
1054.65			9.4	6.0	5.3	3
1054.90			9.6	6.8	4.8	3
1056.67	S I	$3s^2\,3p^4\ ^3P_0$ – $3s^2\,3p^3\,5s\ ^3P_1$				0
1056.81	Al VII	$2s^2\,2p^3\ ^4S_{3/2}$ – $2s^2\,2p^3\ ^2P_{1/2}$	9.9	6.6	12	0
1057.79	Al VIII	$2s^2\,2p^2\ ^3P_1$ – $2s^2\,2p^2\ ^1S_0$	7.5	5.2	13	0
1059.02			9.9	6.7	6.5	3
1059.44			14	9.0	7.2	3
1061.27	Fe III	$3d^6\ ^3D_1$ – $3d^5\,4p\ ^3D_1$	9.7	5.9	7.2	1
1061.71	Fe III	$3d^6\ ^3D_2$ – $3d^5\,4p\ ^3D_2$	10	6.6	7.7	1
1061.83	Fe III	$3d^6\ ^3D_1$ – $3d^5\,4p\ ^3D_2$				1
1062.25	Fe III	$3d^6\ ^3D_2$ – $3d^5\,4p\ ^3D_3$	9.3	6.4	7.5	1
1062.66	S IV	$3s^2\,3p\ ^2P_{1/2}$ – $3s\,3p^2\ ^2D_{3/2}$	33	17	135	1
1063.29	Fe III	$3d^6\ ^3D_3$ – $3d^5\,4p\ ^3D_2$	10	7.4	9.3	1
1063.58			10	6.9	12	3
1063.87	Fe III	$3d^6\ ^3D_3$ – $3d^5\,4p\ ^3D_3$	12	8.4	10	1
1064.65	Fe III	$3d^6\ ^3F_2$ – $3d^5\,4p\ ^3G_3$	12	8.1	10	1
1065.52			11	8.3	8.3	3
1065.86	C II	$2s\,2p^2\ ^2D_{5/2}$ – $2p^3\ ^2P_{3/2}$	12	8.0	9.6	1
1066.13	C II	$2s\,2p^2\ ^2D_{3/2}$ – $2p^3\ ^2P_{1/2}$				4
1066.14	Fe III	$3d^6\ ^3G_5$ – $3d^5\,4p\ ^3H_6$				1
1066.18	Fe III	$3d^6\ ^1S_0$ – $3d^5\,4p\ ^3P_1$	15	9.3	12	1
1066.65	Si IV	$2p^6\,3d\ ^2D_{5/2}$ – $2p^6\,4f\ ^2F_{7/2}$	22	14	33	1
1067.31	N I	$2s^2\,2p^3\ ^2D_{3/2}$ – $2s^2\,2p^2\,5d\ ^2D_{3/2}$				4
1067.38	N I	$2s^2\,2p^3\ ^2D_{5/2}$ – $2s^2\,2p^2\,5d\ ^4D_{7/2}$	11	7.5	8.1	4
1067.62	N I	$2s^2\,2p^3\ ^2D_{5/2}$ – $2s^2\,2p^2\,5d\ ^2F_{7/2}$	12	8.0	8.1	4
1067.83	O IV	$2s^2\,3d\ ^2D_{5/2}$ – $2s^2\,4f\ ^2F_{7/2}$	10	6.9	18	0
1068.19	Fe III	$3d^6\ ^3G_4$ – $3d^5\,4p\ ^3H_5$	11	6.9	10	1
1068.48	N I	$2s^2\,2p^3\ ^2D_{3/2}$ – $2s^2\,2p^2\,5d\ ^4P_{5/2}$	13	9.1	8.4	4
1069.08	Fe III	$3d^6\ ^3G_3$ – $3d^5\,4p\ ^3H_4$	11	7.9	9.0	1
1071.44			12	7.3		3
1071.76	Fe III	$3d^6\ ^3G_4$ – $3d^5\,4p\ ^3F_3$	12	8.1	9.4	1
1072.99	S IV	$3s^2\,3p\ ^2P_{3/2}$ – $3s\,3p^2\ ^2D_{5/2}$	46	27	237	1
1073.53	S IV	$3s^2\,3p\ ^2P_{3/2}$ – $3s\,3p^2\ ^2D_{3/2}$	13	9.0	28	1
1074.06	He I/2	$1s^2\ ^1S_0$ – $1s\,3p\ ^1P_1$				0
1074.97	Fe III	$3d^6\ ^3G_3$ – $3d^5\,4p\ ^3F_2$	12	8.2	13	1
1077.14	S III	$3s^2\,3p^2\ ^1D_2$ – $3s\,3p^3\ ^1D_2$	26	16	42	1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1083.99	N II	$2s^2 2p^2\ ^3P_0$ – $2s\ 2p^3\ ^3D_1$	59	34	95	1
1084.56	N II	$2s^2 2p^2\ ^3P_1$ – $2s\ 2p^3\ ^3D_1$				1
1084.58	N II	$2s^2 2p^2\ ^3P_1$ – $2s\ 2p^3\ ^3D_2$	116	69	181	1
1084.94	He II	$2p\ ^2P_{3/2}$ – $5d\ ^2D_{5/2}$	64	31	202	1
1085.54	N II	$2s^2 2p^2\ ^3P_2$ – $2s\ 2p^3\ ^3D_2$	83	53	105	1
1085.71	N II	$2s^2 2p^2\ ^3P_2$ – $2s\ 2p^3\ ^3D_3$	211	121	353	1
1087.86					22	3
1092.73	C II	$2s\ 2p^2\ ^2P_{3/2}$ – $2s\ 2p\ 3d\ ^2P_{3/2}$	20	15	20	4
1093.10			18	12	19	3
1095.37					26	3
1096.57	S II	$3s^2 3p^3\ ^2D_{3/2}$ – $3s\ 3p^4\ ^2P_{1/2}$				1
1096.61	Fe III	$3d^6\ ^3F_4$ – $3d^5 4p\ ^3D_3$	20	12	18	1
1097.20	N I	$2s^2 2p^3\ ^2D_{5/2}$ – $2s^2 2p^2 4d\ ^2F_{7/2}$	22	14	21	1
1097.38	S I	$3s^2 3p^4\ ^3P_1$ – $3s^2 3p^3 4d\ ^3P_2$				1
1098.05	N I	$2s^2 2p^3\ ^2D_{3/2}$ – $2s^2 2p^2 4d\ ^4P_{5/2}$	29	9	21	1
1098.24	Fe III	$3d^6\ ^3P_2$ – $3d^5 4p\ ^3D_3$				1
1098.26	N I	$2s^2 2p^3\ ^2D_{3/2}$ – $2s^2 2p^2 4d\ ^2F_{5/2}$				1
1098.92			20	12	32	3
1099.45			18	11	26	3
1102.38	S II	$3s^2 3p^3\ ^2D_{5/2}$ – $3s\ 3p^4\ ^2P_{3/2}$	23	14	20	1
1103.60	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\ 22d\ ^1F_3$	18	12	24	4
1103.86	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\ 21d\ ^1F_3$	19	13	23	4
1104.16	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\ 20d\ ^1P_1$	19	13	26	4
1104.55	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\ 19d\ ^1F_3$	20	12	22	4
1104.96	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\ 18d\ ^1P_1$	19	12	26	4
1105.14	C I	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p\ 17d\ ^1P_1$	15	10	15	4
1105.47	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\ 17d\ ^1F_3$	20	13	25	4
1105.75	C I	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p\ 16d\ ^1P_1$	16	11	21	4
1106.07	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\ 16d\ ^1P_1$	20	12	25	4
1106.29	C I	$2s^2 2p^2\ ^3P_0$ – $2s^2 2p\ 15d\ ^1P_1$	16	11	17	4
1106.50	C I	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p\ 15d\ ^1P_1$	20	13	27	4
1106.70	O IV/2	$2s^2 2p\ ^2P_{1/2}$ – $2s 2p^2\ ^2P_{3/2}$				4
1106.80	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\ 15d\ ^1P_1$	24	15	63	4
1107.34	C I	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p\ 14d\ ^1P_1$	18	13	21	4
1107.70	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\ 14d\ ^1F_3$	24	15	32	4
1108.10	C I	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p\ 14d\ ^3D_1$	22	15	81	4
1108.16	O IV/2	$2s^2 2p\ ^2P_{1/2}$ – $2s\ 2p^2\ ^2P_{1/2}$				1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1108.37	Si III	$3s\,3p\ ^3P_0 - 3s\,3d\ ^3D_1$	32	18	78	1
1108.48	S IV	$3s\,3p^2\ ^2S_{1/2} - 3s^2 4p\ ^2P_{3/2}$				1
1108.44	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,13d\ ^1P_1$	32	18	78	4
1108.80	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,13d\ ^1F_3$	26	17	41	4
1109.03	C I	$2s^2 2p^2\ ^3P_0 - 2s^2 2p\,13d\ ^3D_1$	27	15	210	4
1109.12	O IV/2	$2s^2 2p\ ^2P_{3/2} - 2s\,2p^2\ ^2P_{3/2}$				1
1109.24	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,13d\ ^3D_1$	19	12	90	1
1109.60	C I	$2s^2 2p^2\ ^3P_0 - 2s^2 2p\,12d\ ^1P_1$	18	12	20	4
1109.84	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,12d\ ^1P_1$				1
1110.00	Si III	$3s\,3p\ ^3P_1 - 3s\,3d\ ^3D_2$	41	23	134	1
1110.17	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,12d\ ^1P_1$				1
1110.19	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,12d\ ^1F_3$	32	19	40	1
1110.44						3
1110.52	O IV/2	$2s^2 2p\ ^2P_{3/2} - 2s\,2p^2\ ^2P_{1/2}$				0
1110.67						3
1111.01	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,12d\ ^3F_3$	15	10	17	1
1111.42	C I	$2s^2 2p^2\ ^3P_0 - 2s^2 2p\,11d\ ^1P_1$	12	9.0	15	1
1111.60	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,11d\ ^1P_1$	19	13	24	1
1111.96	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,11d\ ^1P_1$	30	18	39	1
1111.99	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,11d\ ^1F_3$				1
1112.22	C I	$2s^2 2p^2\ ^3P_0 - 2s^2 2p\,11d\ ^1D_1$	18	11	18	1
1112.47	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,11d\ ^3D_1$	19	12	30	1
1112.80	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,11d\ ^3D_1$	16	10	16	1
1112.82	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,11d\ ^3F_3$				1
1113.15	S III					1
1113.23	Si III	$3s\,3p\ ^3P_2 - 3s\,3d\ ^3D_3$	71	36	207	1
1114.00	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,10d\ ^1P_1$	21	14	26	1
1114.39	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,10d\ ^1F_3$	32	21	45	1
1114.64	C I	$2s^2 2p^2\ ^3P_0 - 2s^2 2p\,10d\ ^3D_1$	19	13	21	1
1114.86	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,10d\ ^3D_1$	21	14	28	1
1115.17	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,10d\ ^3D_1$				1
1115.21	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,10d\ ^3F_3$	17	11	26	1
1115.52	Ca X/2	$2p^6 3s\ ^2S_{1/2} - 2p^6 3p\ ^2P_{3/2}$				0
1117.20	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,9d\ ^1P_1$	22	15	59	1
1117.24	Ne VI/2	$2s^2 2p\ ^2P_{1/2} - 2s\,2p^2\ ^2D_{3/2}$				0
1117.58	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,9d\ ^3P_2$	33	20	64	1
1117.72	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,9d\ ^3D_3$				1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1117.88	C I	$2s^2\,2p^2\ ^3P_0 - 2s^2\,2p\,9d\ ^3D_1$	23	15	37	1
1117.98	P V	$2p^6\,3s\ ^2S_{1/2} - 2p^6\,3p\ ^2P_{3/2}$				1
1118.07	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,9d\ ^3D_1$				1
1118.18	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,9d\ ^3F_2$	23	15	43	1
1118.41	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,9d\ ^3D_1$				1
1118.49	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,9d\ ^3F_3$	18	12	25	1
1118.90			16	9.4		3
1119.10	H_2	*1 - 3 Q3 (C-X)*	11	8.0	764	4
1121.47	C I	$2s^2\,2p^2\ ^3P_0 - 2s^2\,2p\,8d\ ^3P_1$				1
1121.65	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,8d\ ^3P_1$	21	14	29	1
1121.91	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,8d\ ^3P_1$	18	11	22	1
1122.13	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,8d\ ^3P_2$	30	18	48	1
1122.33	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,8d\ ^3D_3$				1
1122.44	C I	$2s^2\,2p^2\ ^3P_0 - 2s^2\,2p\,8d\ ^3D_1$				1
1122.52	Si IV	$2p^6\,3p\ ^2P_{1/2} - 2p^6\,3d\ ^2D_{3/2}$	105	61	189	1
1122.53	Fe III	$3d^6\ ^5D_4 - 3d^5\,4p\ ^5P_3$				1
1122.65	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,8d\ ^3D_1$				0
1122.76	Ne VII/2	$2s\,2p\ ^3P_1 - 2p^2\ ^3P_1$				0
1122.79	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,8d\ ^3F_2$				0
1122.99	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,8d\ ^3D_1$				1
1123.11	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,8d\ ^3F_3$	21	13	32	1
1123.46	Ne VII/2	$2s\,2p\ ^3P_2 - 2p^2\ ^3P_2$				1
1124.13			8.7	5.5	10	3
1124.88	Fe III	$3d^6\ ^5D_3 - 3d^5\,4p\ ^5P_2$	38	23	41	1
1125.66	Ne VI/2	$2s^2\,2p\ ^2P_{3/2} - 2s\,2p^2\ ^2D_{5/2}$			*2511	1
1126.72	Fe III	$3d^6\ ^5D_2 - 3d^5\,4p\ ^5P_1$	17	10	17	1
1126.85	S III	$3s\,3p^3\ ^3D_2 - 3s^2\,3p\,4p\ ^3P_1$				1
1128.04	Si XI	$2s^2\ ^1S_0 - 2s\,2p\ ^3P_2$				1
1128.06	Fe III	$3d^6\ ^5D_3 - 3d^5\,4p\ ^5P_3$	39	24	55	1
1128.35	Si IV	$2p^6\,3p\ ^2P_{3/2} - 2p^6\,3d\ ^2D_{5/2}$	48	26	240	1
1128.72	Fe III	$3d^6\ ^5D_2 - 3d^5\,4p\ ^5P_2$	49	30	72	1
1129.04	Ne VII/2	$2s\,2p\ ^3P_2 - 2p^2\ ^3P_1$				0
1129.14	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,7d\ ^3D_{3,2}$	55	34	95	1
1129.19	Fe III	$3d^6\ ^5D_1 - 3d^5\,4p\ ^5P_1$				1
1129.60	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,7d\ ^3F_2$	21	14	36	1
1129.92	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,7d\ ^3F_3$	22	14	38	1
1130.40	Fe III	$3d^6\ ^5D_0 - 3d^5\,4p\ ^5P_1$	15	9.1	18	1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1131.01	Si VI	$2p^4\,3s\ ^4P_{5/2}$ – $2p^4\,3p\ ^4D_{7/2}$				3
1131.20	Fe III	$3d^6\ ^5D_1$ – $3d^5\,4p\ ^5P_2$	10	6.9	18	1
1131.62	S II	$3s^2\,3p^3\ ^2P_{3/2}$ – $3s^2\,3p^2\,4s\ ^2P_{1/2}$	12	8.1	14	1
1131.92	Fe III	$3d^6\ ^5D_2$ – $3d^5\,4p\ ^5P_3$	9.4	6.3	9.2	1
1132.35			6.7	4.5	7.8	3
1132.88			7.1	4.7	8.8	3
1133.68	Al VI ?	$2s^2\,2p^4\ ^3P_2$ – $2s^2\,2p^4\ ^1S_0$	35	21	70	1
1134.16	N I	$2s^2\,2p^3\ ^4S_{3/2}$ – $2s\,2p^4\ ^4P_{1/2}$	24	16	15	1
1134.40	N I	$2s^2\,2p^3\ ^4S_{3/2}$ – $2s\,2p^4\ ^4P_{3/2}$	38	25	27	1
1134.98	N I	$2s^2\,2p^3\ ^4S_{3/2}$ – $2s\,2p^4\ ^4P_{5/2}$	46	31	37	1
1135.40	Si VII	$2p^3\,3s\ ^5S_2$ – $2p^3\,3p\ ^5P_3$	10	6.8	16	3
1135.55			1	6.4	16	3
1136.56	Ne V	$2s^2\,2p^2\ ^3P_1$ – $2s\,2p^3\ ^5S_2$	8.3	5.4	89	1
1136.82	Ne V/2	$2s^2\,2p^2\ ^3P_0$ – $2s\,2p^3\ ^3D_1$				0
1137.23	Si VII	$2p^3\,3s\ ^3D_2$ – $2p^3\,3p\ ^3F_3$	8.6	5.7	12	0
1138.00			8.4	5.6	5.9	3
1138.38	C I	$2s^2\,2p^2\ ^3P_0$ – $2s^2\,2p\,6d\ ^3P_1$	15	9.8	16	1
1138.56	C I	$2s^2\,2p^2\ ^3P_1$ – $2s^2\,2p\,6d\ ^3P_0$	26	16	43	4
1138.94	C II	$2s\,2p^2\ ^2P_{1/2}$ – $2s\,2p\,3d\ ^2D_{3/2}$				1
1138.95	C I	$2s^2\,2p^2\ ^3P_2$ – $2s^2\,2p\,6d\ ^3P_1$	30	18	49	1
1139.09	C I	$2s^2\,2p^2\ ^3P_2$ – $2s^2\,2p\,6d\ ^3P_2$				1
1139.38	C II	$2s\,2p^2\ ^2P_{3/2}$ – $2s\,2p\,3d\ ^2D_{5/2}$	23	14	28	4
1139.72	Ne V/2	$2s^2\,2p^2\ ^3P_1$ – $2s\,2p^3\ ^3D_2$				0
1139.77	C I	$2s^2\,2p^2\ ^3P_1$ – $2s^2\,2p\,7s\ ^3P_2$				1
1139.81	C I	$2s^2\,2p^2\ ^3P_2$ – $2s^2\,2p\,6d\ ^3D_3$	42	25	111	1
1140.35	C I	$2s^2\,2p^2\ ^3P_1$ – $2s^2\,2p\,6d\ ^3F_2$	25	15	33	1
1140.62	C I	$2s^2\,2p^2\ ^3P_2$ – $2s^2\,2p\,6d\ ^3F_3$	24	16	34	1
1141.29	Fe III	$3d^6\ ^1G_4$ – $3d^5\,4p\ ^1H_5$	10	7.1	10	1
1141.45					25	3
1141.68	C II	$2s\,2p^2\ ^2D_{5/2}$ – $2s^2\,4p\ ^2P_{3/2}$	10	6.6	1	1
1142.29	Si III	$3p^2\ ^3P_1$ – $3p\,3d\ ^3D_1$				0
1142.36	Si VII	$2p^3\,3s\ ^5S_2$ – $2p^3\,3p\ ^5P_2$	16	10	16	0
1142.45						3
1142.60	Fe III	$3d^6\ ^3D_2$ – $3d^5\,4p\ ^3F_3$	9.1	6.6	10	3
1143.00	Fe III	$3d^6\ ^3D_3$ – $3d^5\,4p\ ^3F_4$	10	7.2	5.6	1
1143.22	Fe II	$3d^6\,4s\ ^6D_{9/2}$ – $3d^5\,4s\,4p\ ^6F_{9/2}$	9.2	6.2	5.9	4
1143.67	Fe III	$3d^6\ ^3D_1$ – $3d^5\,4p\ ^3F_2$	13	8.9	5.2	1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1144.28	Ne V/2	$2s^2\,2p^2\ ^3P_2 - 2s\,2p^3\ ^3D_2$				0
1144.74	Ne V/2	$2s^2\,2p^2\ ^3P_2 - 2s\,2p^3\ ^3D_3$				0
1144.94	Fe II	$3d^6\,4s\ ^6D_{9/2} - 3d^5\,4s\,4p\ ^6F_{11/2}$	11	7.2	18	4
1145.66	Ne V	$2s^2\,2p^2\ ^3P_2 - 2s\,2p^3\ ^5S_2$	13	8.6	143	0
1146.83	Fe II	$3d^6\,4s\ ^6D_{3/2} - 3d^5\,4s\,4p\ ^6D_{5/2}$	9.9	6.6	8.4	4
1146.95	Fe II	$3d^6\,4s\ ^6D_{7/2} - 3d^5\,4s\,4p\ ^6F_{5/2}$				4
1147.41	Fe II	$3d^6\,4s\ ^6D_{7/2} - 3d^5\,4s\,4p\ ^6F_{7/2}$	9.2	6.3	5.6	4
1148.06	Ca X/2	$2p^6\,3s\ ^2S_{1/2} - 2p^6\,3p\ ^2P_{1/2}$				0
1148.08	Fe II	$3d^6\,4s\ ^6D_{3/2} - 3d^5\,4s\,4p\ ^6D_{3/2}$	8.9	5.9	19	4
1148.28	Fe II	$3d^6\,4s\ ^6D_{7/2} - 3d^5\,4s\,4p\ ^6F_{9/2}$	9.4	6.5	7.6	4
1148.69	Si VI	$2p^4\,3s\ ^4P_{3/2} - 2p^4\,3p\ ^4D_{5/2}$	9.9	7.0	8.1	4
1148.96	Fe II	$3d^6\,4s\ ^6D_{3/2} - 3d^5\,4s\,4p\ ^6F_{1/2}$	8.5	5.9	9.6	4
1149.59	Fe II	$3d^6\,4s\ ^6D_{1/2} - 3d^5\,4s\,4p\ ^6D_{3/2}$	8.3	6.0	10	4
1149.96	S I ?	$3s^2\,3p^4\ ^1D_2 - 3s^2\,3p^3\,9s\ ^1D_2$	9.9	6.9	4.1	4
1150.47	Fe II	$3d^6\,4s\ ^6D_{1/2} - 3d^5\,4s\,4p\ ^6F_{1/2}$	8.7	6.5	5.7	4
1150.80	O III	$2s\,2p^3\ ^3S_1 - 2p^4\ ^3P_1$	14	10	5.0	1
1151.15	Fe II	$3d^6\,4s\ ^6D_{5/2} - 3d^5\,4s\,4p\ ^6F_{7/2}$	9.6	6.8	5.5	4
1152.15	O I	$2s^2\,2p^4\ ^1D_2 - 2s^2\,2p^3\,3s\ ^1D_2$	104	69	57	1
1152.88	Fe II	$3d^6\,4s\ ^6D_{3/2} - 3d^5\,4s\,4p\ ^6F_{3/2}$	10	6.9	6.6	4
1153.27	Fe II	$3d^6\,4s\ ^6D_{3/2} - 3d^5\,4s\,4p\ ^6F_{5/2}$	9.8	6.8	4.2	4
1154.00			10	7.4		3
1154.40	Fe II	$3d^6\,4s\ ^6D_{1/2} - 3d^5\,4s\,4p\ ^6F_{3/2}$	9.7	6.9	3.7	4
1155.00	Si III ?	$3p^2\ ^3P_0 - 3p\,3d\ ^3P_1$	9.2	6.6	5.2	4
1155.82	C I	$2s^2\,2p^2\ ^3P_0 - 2s^2\,2p\,5d\ ^3P_1$	20	13	14	4
1156.00	S I	$3s^2\,3p^4\ ^3P_2 - 3s^2\,3p^3\,3d\ ^3P_2$	38	24	31	1
1156.03	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,5d\ ^3P_1$				1
1156.27	S I	$3s^2\,3p^4\ ^3P_2 - 3s^2\,3p^3\,3d\ ^3P_1$	39	26	17	1
1156.56	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,5d\ ^3P_2$	23	13	25	4
1157.40	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,6s\ ^1P_1$	21	14	18	1
1157.50	(d)					1
1157.79	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,5d\ ^3D_2$	23	16	24	4
1157.91	C I	$2s^2\,2p^2\ ^3P_0 - 2s^2\,2p\,5d\ ^3D_1$				4
1158.02	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,5d\ ^3D_3$	35	22	45	4
1158.13	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,5d\ ^3D_2$				4
1158.32	C I	$2s^2\,2p^2\ ^3P_0 - 2s^2\,2p\,6s\ ^3P_1$				4
1158.40	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,6s\ ^3P_2$	25	16	40	4
1158.67	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,6s\ ^3P_0$				4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1158.73	C I	$2s^2\,2p^2\ ^3P_1$ – $2s^2\,2p\,5d\ ^3F_2$	24	17	23	4
1158.97	C I	$2s^2\,2p^2\ ^3P_2$ – $2s^2\,2p\,5d\ ^3F_3$	26	17	23	4
1159.51	Ni II	$3d^8\,4s\ ^4F_{9/2}$ – $3d^7\,4s\,4p\ ^4G_{9/2}$	11	8.6	6.0	4
1160.51			13	9.0	5.9	3
1160.79	S I	$3s^2\,3p^4\ ^1D_2$ – $3s^2\,3p^3\,8s\ ^1D_2$	14	9.5	5.2	4
1161.35	S I	$3s^2\,3p^4\ ^3P_1$ – $3s^2\,3p^3\,3d\ ^3P_2$	32	23	11	1
1161.58	S I	$3s^2\,3p^4\ ^3P_1$ – $3s^2\,3p^3\,3d\ ^3P_1$	28	19	10	1
1161.72	S I	$3s^2\,3p^4\ ^3P_1$ – $3s^2\,3p^3\,3d\ ^3P_0$	31	21	16	1
1161.76	Si XI/2	$2s^2\ ^1S_0$ – $2s\,2p\ ^3P_1$				0
1161.97	S I	$3s^2\,3p^4\ ^1D_2$ – $3s^2\,3p^3\,6d\ ^1D_2$	20	13	9.0	1
1163.85	H_2	*1 - 4 Q3 (C-X)*	18	14	1267	4
1163.88	N I	$2s^2\,2p^3\ ^2D_{5/2}$ – $2s^2\,2p^2\,3d\ ^2D_{5/2}$				1
1163.98	S I	$3s^2\,3p^4\ ^3P_0$ – $3s^2\,3p^3\,3d\ ^3P_1$	30	21	1267	1
1164.00	N I	$2s^2\,2p^3\ ^2D_{3/2}$ – $2s^2\,2p^2\,3d\ ^2D_{5/2}$				1
1165.74	Ca VIII/2	$3s^2\,3p\ ^2P_{1/2}$ – $3s\,3p^2\ ^2D_{3/2}$				3
1167.45	N I	$2s^2\,2p^3\ ^2D_{5/2}$ – $2s^2\,2p^2\,3d\ ^2F_{7/2}$	30	21	17	4
1168.06	S I	$3s^2\,3p^4\ ^3P_2$ – $3s^2\,3p^3\,3d\ ^1D_2$	17	12	10	4
1168.33	N I	$2s^2\,2p^3\ ^2D_{3/2}$ – $2s^2\,2p^2\,3d\ ^4P_{5/2}$				1
1168.54	N I	$2s^2\,2p^3\ ^2D_{3/2}$ – $2s^2\,2p^2\,3d\ ^2F_{5/2}$	82	39	204	1
1168.55	Fe II	$3d^6\,4s\ ^4H_{11/2}$ – $3d^5\,4s\,4p\ ^2H_{9/2}$				1
1168.68	He I/2	$1s^2\ ^1S_0$ – $1s\,2p\ ^1P_1$	*2606	*1443	*10617	1
1169.69	N I ?	$2s^2\,2p^3\ ^2D_{5/2}$ – $2s^2\,2p^2\,3d\ ^4F_{7/2}$	18	13	7.1	4
1170.18			24	18		3
1171.60	Ar VII/2	$3s^2\ ^1S_0$ – $3s\,3p\ ^1P_1$				0
1171.95	(d)		37	25	21	0
1174.88	C III	$2s\,2p\ ^3P_1$ – $2p^2\ ^3P_2$	184	112	389	1
1175.24	C III	$2s\,2p\ ^3P_0$ – $2p^2\ ^3P_1$	150	96	319	1
1175.59	C III	$2s\,2p\ ^3P_1$ – $2p^2\ ^3P_1$	334	319	1218	1
1175.74	C III	$2s\,2p\ ^3P_2$ – $2p^2\ ^3P_2$	559	319	1218	1
1175.98	C III	$2s\,2p\ ^3P_1$ – $2p^2\ ^3P_0$	166	98	289	1
1176.37	C III	$2s\,2p\ ^3P_2$ – $2p^2\ ^3P_1$	178	105	346	1
1177.67	N I	$2s^2\,2p^3\ ^2D_{3/2}$ – $2s^2\,2p^2\,4s\ ^2P_{1/2}$	21	13	17	4
1178.04	Si III	$3p^2\ ^3P_2$ – $3s\,5p\ ^3P_2$	24	16	15	4
1181.59	S I	$3s^2\,3p^4\ ^1D_2$ – $3s^2\,3p^3\,5d\ ^1D_2$	21	14	11	4
1183.45	N I ?	$2s^2\,2p^3\ ^2D_{3/2}$ – $2s^2\,2p^2\,4s\ ^4P_{5/2}$	19	12	11	4
1183.83	Fe II	$3d^6\,4s\ ^4D_{7/2}$ – $3d^5\,4s\,4p\ ^4F_{9/2}$	20	13	10	4
1185.31					12	3

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1185.71	Fe II ?	$3d^7\ ^4F_{7/2}$ – $3d^6 4p\ ^4D_{5/2}$	19	13	7.9	4
1187.42	Fe II	$3d^6 4s\ ^4D_{7/2}$ – $3d^5 4s\,4p\ ^2G_{9/2}$	18	11	11	4
1188.83	C I	$2s^2 2p^2\ ^3P_0$ – $2s^2 2p\,4d\ ^3P_1$	24	16	30	4
1189.00	C I	$2s^2 2p^2\ ^3P_0$ – $2s^2 2p\,4d\ ^3P_1$	26	17	42	4
1189.24	C I	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p\,4d\ ^3P_2$	26	16	36	4
1189.45	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\,4d\ ^3P_1$	25	16	34	4
1189.63	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\,4d\ ^3P_2$	27	17	55	4
1189.84	Mg VII	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p^2\ ^1S_0$	21	14	129	0
1190.10	Mg VI	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^3\ ^2P_{3/2}$	25	18	526	0
1190.17	S III	$3s^2 3p^2\ ^3P_0$ – $3s\,3p^3\ ^3D_1$	28	19	526	4
1190.42	Si II	$3s^2 3p\ ^2P_{1/2}$ – $3s\,3p^2\ ^2P_{3/2}$	98	55	183	4
1190.92			23	14	18	3
1191.68	Mg VI	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^3\ ^2P_{1/2}$	22	14	135	0
1191.84	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\,4d\ ^1F_3$	25	16	65	4
1193.00	C I	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p\,4d\ ^3D_2$	39	25	77	4
1193.24	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\,4d\ ^3D_3$				4
1193.26	C I	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p\,4d\ ^3D_1$				4
1193.29	Si II	$3s^2 3p\ ^2P_{1/2}$ – $3s\,3p^2\ ^2P_{1/2}$	67	42	136	4
1193.68	C I	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p\,5s\ ^3P_2$	32	20	59	0
1193.98	Ca VIII/2	$3s^2 3p\ ^2P_{3/2}$ – $3s\,3p^2\ ^2D_{5/2}$				0
1194.04	S III	$3s^2 3p^2\ ^3P_1$ – $3s\,3p^3\ ^3D_2$	44	30	117	0
1194.49	C I	$2s^2 2p^2\ ^3P_2$ – $2s^2 2p\,4d\ ^3F_3$	115	68	231	4
1194.40	S III	$3s^2 3p^2\ ^3P_1$ – $3s\,3p^3\ ^3D_1$				4
1194.50	Si II	$3s^2 3p\ ^2P_{3/2}$ – $3s\,3p^2\ ^2P_{3/2}$				4
1196.22	S X	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^3\ ^2D_{5/2}$	27	15	25	0
1197.40	Si II	$3s^2 3p\ ^2P_{3/2}$ – $3s\,3p^2\ ^2P_{3/2}$	65	41	118	4
1199.19	O III/2	$2s^2 2p^2\ ^1D_2$ – $2s\,2p^3\ ^1D_2$				0
1199.20	S V	$3s^2\ ^1S_0$ – $3s\,3p\ ^3P_1$	65	43	551	0
1199.55	N I	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^2 3s\ ^4P_{5/2}$	117	75	124	4
1200.22	N I	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^2 3s\ ^4P_{3/2}$	103	64	110	4
1200.71	N I	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^2 3s\ ^4P_{1/2}$	84	56	81	4
1200.99	S III	$3s^2 3p^2\ ^3P_2$ – $3s\,3p^3\ ^3D_3$	67	45	140	4
1201.47			40	26	44	3
1201.73	S III	$3s^2 3p^2\ ^3P_2$ – $3s\,3p^3\ ^3D_2$	32	21	56	4
1202.00			42	27	53	3
1202.69			43	30	45	3
1203.41			50	31	69	3

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1204.30	S V	$3s^2\ ^1S_0$ – $3s\,3p\ ^3P_1$	70	45	63	0
1204.33	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 15d\ ^3D_3$				0
1205.57	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 14d\ ^3D_3$	60	33	65	4
1206.51	Si III	$3s^2\ ^1S_0$ – $3s\,3p\ ^1P_1$	2391	1318	8487	0
1207.00			77	52	72	3
1207.76	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 13d\ ^3S_1$	55	41	62	4
1208.39			62	40	87	3
1208.88	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 12d\ ^3D_3$	78	58	813	4
1208.94	H_2	*1 - 5 Q3 (C-X)*	78	58	813	4
1209.20			70	49	80	3
1210.18	S I	$3s^2 3p^4\ ^3P_1$ – $3s^2 3p^3 15d\ ^3D_2$	78	55	81	3
1211.22	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 11d\ ^3D_3$	117	87	109	3
1213.00	S X	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^3\ ^2D_{3/2}$	269	171	264	0
1215.66	H I Ly 1	$1s\ ^2S_{1/2}$ – $2p\ ^2P_{3/2,1/2}$	73912	36942	147390	0
1218.34	O V	$2s^2\ ^1S_0$ – $2s\,2p\ ^3P_1$	464	395	5667	0
1219.59	Mg X/2	$2s\ ^2S_{1/2}$ – $2p\ ^2P_{3/2}$				0
1224.50	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 8d\ ^3D_3$	60	43	57	4
1228.06			44	31	38	3
1229.61	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 9s\ ^3S_1$	33	22	30	4
1230.47	S I	$3s^2 3p^4\ ^3P_1$ – $3s^2 3p^3 8d\ ^3D_2$	28	20	24	4
1234.14	S II	$3s^2 3p^3\ ^2P_{3/2}$ – $3s\,3p^4\ ^2P_{3/2}$	23	15	20	4
1235.62	S I	$3s^2 3p^4\ ^3P_1$ – $3s^2 3p^3 9s\ ^3S_1$	21	15	15	4
1237.02			23	16	16	3
1238.82	N V	$2s\ ^2S_{1/2}$ – $2p\ ^2P_{3/2}$	218	134	2356	0
1239.89	Fe II	$3d^6 4s\ ^2H_{9/2}$ – $3d^5 4s\,4p\ ^2H_{9/2}$				4
1239.93	Mg II	$2p^6 3s\ ^2S_{1/2}$ – $2p^6 4p\ ^2P_{3/2}$	18	13	14	4
1240.39	Mg II	$2p^6 3s\ ^2S_{1/2}$ – $2p^6 4p\ ^2P_{1/2}$	19	13		4
1241.95	Fe XII	$3s^2 3p^3\ ^4S_{3/2}$ – $3s^2 3p^3\ ^2P_{3/2}$	31	17	46	0
1242.24	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\,24d\ ^1F_3$	20	12	17	4
1242.80	N V	$2s\ ^2S_{1/2}$ – $2p\ ^2P_{1/2}$	137	68	1211	0
1243.18	N I	$2s^2 2p^3\ ^2D_{5/2}$ – $2s^2 2p^2 3s\ ^2D_{5/2}$	39	24	23	4
1243.31	N I	$2s^2 2p^3\ ^2D_{3/2}$ – $2s^2 2p^2 3s\ ^2D_{3/2}$				4
1243.52	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\,20d\ ^1F_3$	24	15	15	4
1243.78	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\,22d\ ^3F_3$	14	9.2	13	4
1244.00	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\,19d\ ^1F_3$	23	15	25	4
1244.51	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\,18d\ ^1F_3$	28	17		4
1244.99	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\,19d\ ^3F_3$	18	11		4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1245.18	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 17d\ ^1F_3$	25	16		4
1245.53	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 18d\ ^3F_3$	17	11		4
1245.94	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 16d\ ^1F_3$	30	19	16	4
1246.17	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 17d\ ^3F_3$	17	11	11	4
1246.87	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 15d\ ^1F_3$	37	23	39	4
1247.16	S I	$3s^2\,3p^4\ ^3P_2$ – $3s^2\,3p^3\,6d\ ^3D_3$	28	19	11	4
1247.41	C III	$2s\,2p\ ^1P_1$ – $2p^2\ ^1S_0$	15	9.4	23	0
1247.86	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 15d\ ^3F_3$	31	21	34	4
1248.00	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 14d\ ^1F_3$	35	24	38	4
1248.88						4
1249.00	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 14d\ ^3F_3$	26	16	31	4
1249.40	Si X/2	$2s^2\,2p\ ^2P_{3/2}$ – $2s\,2p^2\ ^4P_{5/2}$				0
1249.41	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 13d\ ^1F_3$				4
1249.90	Mg X/2	$2s\ ^2S_{1/2}$ – $2p\ ^2P_{1/2}$			*1880	0
1250.09	Si II	$3s\,3p^2\ ^2D_{3/2}$ – $3p^3\ ^2D_{3/2}$	17	6.7	86	4
1250.41	Si II	$3s\,3p^2\ ^2D_{5/2}$ – $3p^3\ ^2D_{5/2}$				4
1250.42	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 13d\ ^3F_3$				4
1250.58	S II	$3s^2\,3p^3\ ^4S_{3/2}$ – $3s\,3p^4\ ^4P_{1/2}$	49	28	24	4
1251.16	Si II	$3s\,3p^2\ ^4P_{5/2}$ – $3p^3\ ^4S_{3/2}$	48	30	69	4
1251.17	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 12d\ ^1F_3$				4
1251.48			9.6	6.1	41	3
1251.76			8.6	5.1	28	3
1252.21	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 12d\ ^3F_3$	32	20	38	4
1253.32	S I	$3s^2\,3p^4\ ^3P_1$ – $3s^2\,3p^3\,6d\ ^3D_2$				4
1253.47	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 11d\ ^1F_3$	48	32	85	4
1253.80	S II	$3s^2\,3p^3\ ^4S_{3/2}$ – $3s\,3p^4\ ^4P_{3/2}$	81	47	48	4
1254.11	H_2	*1 - 6 Q3 (C-X)*	9.3	6.5	137	3
1254.51	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 11d\ ^3F_3$	33	21	45	4
1255.28	Si I	$3s^2\,3p^2\ ^3P_0$ – $3s\,3p^3\ ^3S_1$	35	24	18	4
1255.34						4
1256.09	S I	$3s^2\,3p^4\ ^3P_0$ – $3s^2\,3p^5\,6d\ ^3D_1$	15	10	6.8	4
1256.49	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s\,3p^3\ ^3S_1$	97	63	109	4
1256.50	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 10d\ ^1F_3$				4
1257.24					21	3
1257.58	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\ 10d\ ^3F_3$	41	26	53	4
1257.87	H_2 ?	*1 - 3 R3 (X-B)*	13	9.6	24	3
1258.78	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s\,3p^3\ ^3S_1$	104	68	61	4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1259.53	S II	$3s^2\,3p^3\ ^4S_{3/2} - 3s\,3p^4\ ^4P_{5/2}$				4
1259.54	O V/2	$2s^2\ ^1S_0 - 2s\,2p\ ^1P_1$	*3657	*2086	*122284	0
1260.44	Si II	$3s^2\,3p\ ^2P_{1/2} - 3s^2\,3d\ ^2D_{3/2}$	193	110	303	4
1260.53	Fe II	$3d^6\,4s\ ^6D_{9/2} - 3d^5\,4s\,4p\ ^6P_{7/2}$				4
1260.61	C I	$2s^2\,2p^2\ ^1D_2 - 2s^2\,2p\,9d\ ^1F_3$	84	56	155	4
1260.94	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,9d\ ^3P_0$	26	18	78	4
1261.11	Ca VII/2	$3s^2\,3p^2\ ^3P_1 - 3s\,3p^3\ ^3D_2$				0
1261.12	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,3d\ ^3P_2$				4
1261.43	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,3d\ ^3P_1$				4
1261.55	C I	$2s^2\,2p^2\ ^3P_2 - 2s^2\,2p\,3d\ ^3P_2$	31	20	93	4
1261.64	Mg VI	$2p^2\,3p\ ^4D_{5/2} - 2p^2\,3d\ ^4F_{7/2}$	46	30	123	3
1261.72	C I	$2s^2\,2p^2\ ^1D_2 - 2s^2\,2p\,9d\ ^3F_3$				4
1262.21	Fe II	$3d^7\ ^4P_{3/2} - 3d^6\,4p\ ^4D_{5/2}$	10	6.5	7.9	4
1262.86	S I	$3s^2\,3p^4\ ^3P_2 - 3s^2\,3p^3\,7s\ ^3S_1$	20	14	9.6	4
1264.74	Si II	$3s^2\,3p\ ^2P_{3/2} - 3s^2\,3d\ ^2D_{5/2}$	479	262	665	4
1265.00	Si II	$3s^2\,3p\ ^2P_{3/2} - 3s^2\,3d\ ^2D_{3/2}$	206	133	256	4
1265.65	Fe II	$3d^6\,4s\ ^4G_{9/2} - 3d^5\,4s\,4p\ ^4H_{11/2}$	14	9.8	15	4
1265.78	Fe II	$3d^7\ ^2H_{9/2} - 3d^6\,4p\ ^2G_{7/2}$				4
1266.27	C I	$2s^2\,2p^2\ ^1D_2 - 2s^2\,2p\,8d\ ^1P_1$	46	31	60	4
1266.37	Mg VI	$2p^2\,3p\ ^4D_{7/2} - 2p^2\,3d\ ^4F_{7/2}$	78	49	157	3
1266.42	C I	$2s^2\,2p^2\ ^1D_2 - 2s^2\,2p\,8d\ ^1F_3$	78	49	157	4
1266.67	Fe II	$3d^6\,4s\ ^6D_{7/2} - 3d^5\,4s\,4p\ ^6P_{7/2}$	21	13	17	4
1267.55	Mg VI	$2p^2\,3p\ ^4D_{3/2} - 2p^2\,3d\ ^4F_{3/2}$			63	3
1267.60	C I	$2s^2\,2p^2\ ^1D_2 - 2s^2\,2p\,8d\ ^3F_3$	50	32		4
1267.76	Ca VI/2	$3s^2\,3p^3\ ^4S_{3/2} - 3s\,3p^4\ ^4P_{3/2}$				3
1268.12	Fe II	$3d^7\ ^4P_{5/2} - 3d^5\,4s\,4p\ ^4F_{5/2}$	11	8.2	4.9	4
1269.06						3
1269.21	S I	$3s^2\,3p^4\ ^3P_1 - 3s^2\,3p^3\,7s\ ^3S_1$	10	7.3	7.6	4
1270.14	C I	$2s^2\,2p^2\ ^3P_0 - 2s^2\,2p\,3d\ ^1P_1$	13	8.8	5.8	4
1270.41	C I	$2s^2\,2p^2\ ^3P_1 - 2s^2\,2p\,3d\ ^1P_1$	12	9.0	6.7	4
1270.78	S I	$3s^2\,3p^4\ ^3P_2 - 3s^2\,3p^3\,5d\ ^3D_3$	57	38	23	4
1271.23	Mg II	$2p^6\,3p\ ^2P_{1/2} - 2p^6\,8d\ ^2D_{3/2}$	10	7.2	7.0	4
1271.93	H_2	*1 - 3 P5 (X-B)*				4
1271.94	Mg II	$2p^6\,3p\ ^2P_{1/2} - 2p^6\,9s\ ^2S_{1/2}$	13	10	23	4
1271.98	Fe II	$3d^6\,4s\ ^6D_{5/2} - 3d^5\,4s\,4p\ ^6P_{5/2}$				4
1271.98	C II/2	$2s^2\,2p\ ^2P_{1/2} - 2s^2\,4s\ ^2S_{1/2}$				1
1272.08	S I	$3s^2\,3p^4\ ^3P_0 - 3s^2\,3p^3\,7s\ ^3S_1$	14	10	25	4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1272.18	N IV ?	$2s\,3p\ ^3P_1 - 2p\,3p\ ^3D_2$	14	10	25	3
1272.66	Fe II	$3d^6 4s\ ^6D_{5/2} - 3d^5 4s\,4p\ ^6P_{3/2}$	16	11	8.7	4
1274.11	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,3d\ ^1F_3$	23	16	20	4
1274.76	C I	$2s^2 2p^2\ ^1D_2 - 2s^2 2p\,7d\ ^1P_1$	43	27	47	4
1274.95	Ar VII/2	$3s\,3p\ ^3P_1 - 3p^2\ ^3P_1$				3
1274.98	C I	$2s^2 2p^2\ ^1D_2 - 2s^2 2p\,7d\ ^1F_3$	85	53	175	4
1275.29	C I	$2s^2 2p^2\ ^1D_2 - 2s^2 2p\,7d\ ^3D_3$	23	16	17	4
1275.35	Fe II	$3d^7\ ^4P_{1/2} - 3d^6 5p\ ^4P_{1/2}$				4
1275.81	Fe II	$3d^7\ ^2D_{5/2} - 3d^6 4p\ ^2F_{7/2}$	19	12	10	4
1276.22	C I	$2s^2 2p^2\ ^1D_2 - 2s^2 2p\,8s\ ^3P_1$				4
1276.29	C I	$2s^2 2p^2\ ^1D_2 - 2s^2 2p\,7d\ ^3F_3$	56	36	67	4
1276.48	C I	$2s^2 2p^2\ ^3P_0 - 2s^2 2p\,4s\ ^1P_1$	21	14	15	4
1276.75	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,4s\ ^1P_1$	24	16	22	4
1276.80	Fe II	$3d^7\ ^4P_{1/2} - 3d^6 5p\ ^4P_{3/2}$				4
1277.24	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,3d\ ^3D_1$				4
1277.28	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,3d\ ^3D_2$	43	27	79	4
1277.55	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,3d\ ^3D_3$	46	29	82	4
1277.64	Fe II	$3d^6 4s\ ^6D_{1/2} - 3d^5 4s\,4p\ ^6P_{3/2}$				4
1277.72	C I	$2s^2\ 2p^2\ ^3P_2 - 2s^2 2p\,3d\ ^3D_2$	41	26	57	4
1277.88	Si X/2	$2s^2 2p\ ^2P_{3/2} - 2s\,2p^2\ ^4P_{3/2}$				0
1277.95	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,3d\ ^3D_1$	35	23	37	4
1278.36	Ca VII/2	$3s^2 3p^2\ ^3P_2 - 3s\,3p^3\ ^3D_3$			*535	0
1279.06	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,3d\ ^3F_2$	35	23	37	4
1279.23	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,3d\ ^3F_3$	38	24	50	4
1279.50	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,3d\ ^3F_2$	35	24	33	4
1279.89	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,4s\ ^3P_2$	37	24	37	4
1280.10	S I	$3s^2 3p^4\ ^3P_0 - 3s^2 3p^3 5d\ ^3D_1$	38	26	31	4
1280.13	C I	$2s^2 2p^2\ ^3P_0 - 2s^2 2p\,4s\ ^3P_1$				4
1280.33	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,4s\ ^3P_2$	39	26	56	4
1280.40	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,4s\ ^3P_1$				4
1280.60	C I	$2s^2 2p^2\ ^3P_1 - 2s^2 2p\,4s\ ^3P_0$	34	23	31	4
1280.85	C I	$2s^2 2p^2\ ^3P_2 - 2s^2 2p\,4s\ ^3P_1$	31	21	34	4
1283.06	Fe II	$3d^7\ ^2H_{11/2} - 3d^6 4p\ ^2H_{11/2}$	15	10	7.7	4
1283.92	Ca VI/2	$3s^2 3p^3\ ^4S_{3/2} - 3s\,3p^4\ ^4P_{5/2}$			*343	3
1285.49					12	3
1285.69	H_2	*1 - 3 P7 (X-B)*	11	8.1	10	4
643.10	Ca V/2	$3s^2 3p^4\ ^3P_1 - 3s\,3p^5\ ^3P_0$				3

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1286.43	H_2	*3 - 4 P5 (X-B)*	12	9.3	9.1	4
1287.21	Ca II	$3d\ ^2D_{3/2}$ – $10f\ ^2F_{5/2}$	11	8.0	8.6	4
1287.61	C I	$2s^2 2p^2\ ^3P_1$ – $2s^2 2p\ 3d\ ^1D_2$	17	11	5.6	4
1288.04	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\ 6d\ ^1P_1$	44	31	37	4
1288.27	O II/2	$2s^2 2p^3\ ^2P_{3/2}$ – $2p\ 2p^4\ ^2S_{1/2}$				0
1288.42	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\ 6d\ ^1F_3$	96	63	182	4
1288.71	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\ 7s\ ^1P_1$	35	22	21	4
1288.92	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\ 6d\ ^3D_3$	31	20	21	4
1289.31	Fe II	$3d^6 4s\ ^4P_{5/2}$ – $3d^5 4s\ 4p\ ^4D_{7/2}$	12	8.4	5.2	4
1289.89	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\ 7s\ ^3P_1$				4
1289.98	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\ 6d\ ^3F_3$	56	39	62	4
1291.30	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\ 6d\ ^1D_2$	29	20	18	4
1291.58	Fe II	$3d^7\ ^4P_{5/2}$ – $3d^6 4p\ ^4P_{3/2}$	14	9.8	7.9	4
1292.42	Fe II	$3d^7\ ^4P_{3/2}$ – $3d^6 5p\ ^4D_{3/2}$	12	9.3	4.6	4
646.57	Ca V/2	$3s^2 3p^4\ ^3P_2$ – $3s\ 3p^5\ ^3P_2$			*149	0
1294.58	Si III	$3s\ 3p\ ^3P_1$ – $3p^2\ ^3P_2$	22	11	88	0
1294.91	Fe II	$3d^7\ ^4P_{3/2}$ – $3d^6 4p\ ^4P_{3/2}$	12	7.8	4.7	4
1295.65	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 4s\ ^3P_2$	57	40	26	4
1296.16	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 4s\ ^3P_1$	42	28	21	4
1296.77	Si III	$3s\ 3p\ ^3P_0$ – $3p^2\ ^3P_1$	20	11	78	0
1298.96	Si III	$3s\ 3p\ ^3P_2$ – $3p^2\ ^3P_2$	50	25	263	0
1299.43	Fe II	$3d^7\ ^4P_{3/2}$ – $3d^6 4p\ ^4S_{3/2}$	16	11	12	4
1299.83			13	8.7	7.3	3
1300.91	S I	$3s^2 3p^4\ ^1D_2$ – $3s^2 3p^3 5s\ ^1D_2$	167	125	104	4
1301.16	Si III	$3s\ 3p\ ^3P_1$ – $3p^2\ ^3P_0$	17	10	44	4
1302.17	O I	$2s^2 2p^4\ ^3P_2$ – $2s^2 2p^3 3s\ ^3S_1$	2234	1318	3650	4
1302.34	S I	$3s^2 3p^4\ ^3P_1$ – $3s^2 3p^3 4s\ ^3P_2$				4
1302.87	S I	$3s^2 3p^4\ ^3P_1$ – $3s^2 3p^3 4s\ ^3P_1$	45	29	18	4
1303.11	S I	$3s^2 3p^4\ ^3P_1$ – $3s^2 3p^3 4s\ ^3P_0$	38	27	23	4
1303.32	Si III	$3s\ 3p\ ^3P_2$ – $3p^2\ ^3P_1$	38	16	99	0
1303.43	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 6s\ ^3S_1$	38	25	99	4
1304.37	Si II	$3s^2 3p\ ^2P_{1/2}$ – $3s\ 3p^2\ ^2S_{1/2}$	204	139	222	4
1304.86	O I	$2s^2 2p^4\ ^3P_1$ – $2s^2 2p^3 3s\ ^3S_1$	2331	1432	3862	4
1305.59	Si II	$3s\ 3p^2\ ^2D_{5/2}$ – $3s\ 3p\ 3d\ ^2F_{7/2}$	23	16	27	4
1306.03	O I	$2s^2 2p^4\ ^3P_0$ – $2s^2 2p^3 3s\ ^3S_1$	2524	1698	4284	4
1308.13			16	10		3
1309.28	Si II	$3s^2 3p\ ^2P_{3/2}$ – $3s\ 3p^2\ ^2S_{1/2}$	325	213	273	4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
[1310.19	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,5d\ ^3P_1$	26	18	10	4
[1310.19	S I	$3s^2\,3p^4\ ^3P_1$ – $3s^2\,3p^3\,6s\ ^3S_1$				4
[1310.54	N I	$2s^2\,2p^3\ ^2P_{3/2}$ – $2s^2\,2p^2\,3d\ ^2D_{5/2}$				4
[1310.64	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,5d\ ^1P_1$	48	31	50	4
1310.94	N I	$2s^2\,2p^3\ ^2P_{1/2}$ – $2s^2\,2p^2\,3d\ ^2D_{3/2}$	17	11	7.0	4
1311.36	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,5d\ ^1F_3$	92	57	190	4
1311.93	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,6s\ ^1P_1$	39	27	36	4
1312.25	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,5d\ ^3D_3$	32	21	30	4
1312.59	Si III	$3s\,3p\ ^1P_1$ – $3s\,4s\ ^1S_0$	17	10	29	4
1312.85	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,5d\ ^3D_1$	13	9.2	4.6	4
1313.25	S I	$3s^2\,3p^4\ ^3P_0$ – $3s^2\,3p^3\,6s\ ^3S_1$	22	15	9.7	4
[1313.39	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,6s\ ^3P_1$				4
[1313.46	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,5d\ ^3F_3$	54	37	77	4
1314.67	S IV/2	$3s^2\,3p\ ^2P_{1/2}$ – $3s^2\,3d\ ^2D_{3/2}$			*275	1
1315.92	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,5d\ ^1D_2$	47	29	57	4
[1316.54	S I	$3s^2\,3p^4\ ^3P_2$ – $3s^2\,3p^3\,4d\ ^3D_3$	109	73	61	4
[1316.62	S I	$3s^2\,3p^4\ ^3P_2$ – $3s^2\,3p^3\,4d\ ^3D_2$				4
1317.22	Ni II	$3d^9\ ^2D_{5/2}$ – $3d^8\,4p\ ^2F_{7/2}$	56	37	17	4
1317.84					10	3
1318.98	N I	$2s^2\,2p^3\ ^2P_{1/2}$ – $2s^2\,2p^2\,3d\ ^2P_{1/2}$	154	120	105	4
[1319.68	N I	$2s^2\,2p^3\ ^2P_{3/2}$ – $2s^2\,2p^2\,3d\ ^2P_{3/2}$				4
[1319.76	S V/2	$3s\,3p\ ^3P_1$ – $3s\,3d\ ^3D_2$				0
1322.26	(f)		14	9.7	7.9	0
1322.84	S IV/2	$3s^2\,3p\ ^2P_{3/2}$ – $3s^2\,3d\ ^2D_{5/2}$			*419	1
1323.52	S I	$3s^2\,3p^4\ ^3P_1$ – $3s^2\,3p^3(^4S)4d\ ^3D_2$	71	48	30	4
[1323.91	C II	$2s\,2p^2\ ^2D_{3/2}$ – $2p^3\ ^2D_{3/2}$				4
[1323.95	C II	$2s\,2p^2\ ^2D_{5/2}$ – $2p^3\ ^2D_{5/2}$	22	12	14	4
1324.59	Mg V	$2s^2\,2p^4\ ^3P_1$ – $2s^2\,2p^4\ ^1S_0$	13	9.7	121	0
1326.40	S V/2	$3s\,3p\ ^3P_2$ – $3s\,3d\ ^3D_3$			*235	1
1326.63	S I	$3s^2\,3p^4\ ^3P_0$ – $3s^2\,3p^3\,4d\ ^3D_1$	53	35	19	4
1327.92	N I	$2s^2\,2p^3\ ^2P_{1/2}$ – $2s^2\,2p^2\,4s\ ^2P_{1/2}$	15	10	2.9	4
1328.83	C I	$2s^2\,2p^2\ ^3P_0$ – $2s\,2p^3\ ^3P_1$	79	49	109	4
1329.10	C I	$2s^2\,2p^2\ ^3P_1$ – $2s\,2p^3\ ^3P_{2,1,0}$	81	50	127	4
1329.58	C I	$2s^2\,2p^2\ ^3P_2$ – $2s\,2p^3\ ^3P_{2,1}$	74	49	110	4
1330.95	Fe II	$3d^6\,4s\ ^2F_{7/2}$ – $3d^5\,4s\,4p\ ^2D_{5/2}$	17	11	9.9	4
1333.47			16	11	13	3
1333.79	S I	$3s^2\,3p^4\ ^3P_2$ – $3s^2\,3p^3\,4d\ ^5D_3$	22	15	15	4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1334.53	C II	$2s^2\,2p\ ^2P_{1/2}$ – $2s\,2p^2\ ^2D_{3/2}$	2957	1430	3150	4
1335.20	Ni II	$3d^9\ ^2D_{3/2}$ – $3d^8\,4p\ ^2F_{5/2}$	46	32	18	4
1335.71	C II	$2s^2\,2p\ ^2P_{3/2}$ – $2s\,2p^2\ ^2D_{5/2}$	3530	1759	4600	4
1337.84			20	13	12	4
1338.57	H_2	*0 - 4 P2 (X-B)*	18	13	25	4
1338.61	O IV	$2s\,2p^2\ ^2P_{1/2}$ – $2p^3\ ^2D_{3/2}$				4
1339.57			17	11	9.3	3
1340.39	Ni II	$3d^8\,4p\ ^2F_{7/2}$ – $3d^8\,6d\ ^2H_{9/2}$	17	11	4.6	4
1341.20			21	15	8.7	3
1342.28			23	16	16	3
1342.90			16	12	21	3
1343.64			16	10	21	3
1345.16			17	12	9.9	3
1345.51					9.8	3
1345.95	Ni II ?	$3d^9\ ^2D_{5/2}$ – $3d^8\,4p\ ^4S_{3/2}$	17	12	4.6	4
1347.06			21	13	23	3
1348.79			19	12	11	3
1349.43	Fe XII	$3s^2\,3p^3\ ^4S_{3/2}$ – $3s^2\,3p^3\ ^2P_{1/2}$	20	12	39	0
1350.12					8.0	3
1351.66	Cl I	$3s^2\,3p^5\ ^2P_{1/2}$ – $3s^2\,3p^4\,4s\ ^2P_{1/2}$	313	194	130	4
1353.02	Si IX/2	$2s^2\,2p^2\ ^3P_1$ – $2s\,2p^3\ ^5S_2$				3
1354.29	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,4d\ ^1P_1$	55	36	53	4
1354.80			23	14	9.9	3
1355.60	O I	$2s^2\,2p^4\ ^3P_2$ – $2s^2\,2p^3\,3s\ ^5S_2$	345	199	297	4
1355.84	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,4d\ ^1F_3$	114	69	262	4
1356.47	H_2	*0 - 4 R7 (X-B)*			12	3
1357.13	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,5s\ ^1P_1$	58	37	58	4
1357.66	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,4d\ ^3D_3$	55	34	37	4
1358.19	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,4d\ ^3D_1$	34	20	12	4
1358.51	O I	$2s^2\,2p^4\ ^3P_1$ – $2s^2\,2p^3\,3s\ ^5S_2$	126	75	82	4
1358.77			40	25		3
1359.28	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,4d\ ^3F_3$	83	52	86	4
1359.44	C I	$2s^2\,2p^2\ ^1D_2$ – $2s^2\,2p\,5s\ ^3P_1$				4
1360.17	Fe II	$3d^6\,4s\ ^6D_{1/2}$ – $3d^6\,4p\ ^2D_{3/2}$	31	19	33	4
1360.78	Al IX/2	$2s^2\,2p\ ^2P_{1/2}$ – $2s\,2p^2\ ^4P_{3/2}$				0
1361.37	Fe II	$3d^7\ ^4P_{5/2}$ – $3d^6\,4p\ ^4D_{7/2}$	78	45	71	4
1361.40	S III/2	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,3d\ ^3D_3$				1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1362.75	Fe II	$3d^6 4s\ ^4P_{5/2}$ – $3d^5 4s 4p\ ^4P_{5/2}$	24	15	12	4
1363.48	Na IX/2	$2s\ ^2S_{1/2}$ – $2p\ ^2P_{3/2}$			*284	0
1364.16	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p 4d\ ^1D_2$	101	62	142	4
1364.38	Fe II	$3d^7\ ^4P_{5/2}$ – $3d^6 4p\ ^4D_{5/2}$	34	22	9.3	4
1364.87	Na V	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^3\ ^2P_{3/2}$	22	13	11	3
1365.51	Na V	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^3\ ^2P_{1/2}$	22	13	11	3
1366.39	Fe II	$3d^6 4s\ ^4F_{7/2}$ – $3d^5 4s 4p\ ^4P_{5/2}$	28	17		4
1366.43					16	3
1367.23					10	3
1368.09	Fe II	$3d^7\ ^4P_{3/2}$ – $3d^6 4p\ ^4D_{5/2}$	53	32	10	4
[1368.45						3
[1368.57	Fe II	$3d^6 4s\ ^4P_{3/2}$ – $3d^5 4s 4p\ ^4P_{1/2}$	24	17	15	4
1369.55					17	3
1369.71	Fe II	$3d^7\ ^4P_{5/2}$ – $3d^6 4p\ ^2F_{7/2}$	29	18	6.3	4
[1370.00	N III/2	$2s^2 2p\ ^2P_{1/2}$ – $2s 2p^2\ ^2P_{3/2}$				1
[1370.12	Ni II	$3d^9\ ^2D_{5/2}$ – $3d^8 4p\ ^2P_{3/2}$	70	42	21	4
[1371.00	N III/2	$2s^2 2p\ ^2P_{1/2}$ – $2s 2p^2\ ^2P_{1/2}$				1
[1371.02	Fe II	$3d^6 4s\ ^4H_{13/2}$ – $3d^5 4s 4p\ ^4G_{11/2}$	37	22	37	4
1371.32	O V	$2s 2p\ ^1P_1$ – $2p^2\ ^1D_2$	46	25	889	0
1371.58	N III/2	$2s^2 2p\ ^2P_{3/2}$ – $2s 2p^2\ ^2P_{3/2}$				1
1372.29	Fe II	$3d^7\ ^4P_{3/2}$ – $3d^6 4p\ ^4D_{3/2}$	49	29	8.9	4
1372.70	N III/2	$2s^2 2p\ ^2P_{3/2}$ – $2s 2p^2\ ^2P_{1/2}$				1
1373.00					17	3
[1373.99	/2					3
[1374.08	Ni II	$3d^9\ ^2D_{3/2}$ – $3d^8 4p\ ^2S_{1/2}$	45	28	13	4
1374.69	C II/2	$2s^2 2p\ ^2P_{3/2}$ – $2s^2 3d\ ^2D_{5/2}$				1
1375.20	Fe II	$3d^6 4s\ ^4H_{11/2}$ – $3d^5 4s 4p\ ^4G_{9/2}$	33	20	9.3	4
1376.67	Fe II	$3d^7\ ^4P_{1/2}$ – $3d^6 4p\ ^4D_{3/2}$	42	25	8.4	4
1378.56	Ni II	$3d^8 4p\ ^2F_{5/2}$ – $3d^8 6d\ ^2D_{5/2}$	30	19	9.2	4
1379.18	Mg VIII/2	$2s 2p^2\ ^2P_{3/2}$ – $2p^3\ ^2D_{5/2}$				0
1379.47	Fe II	$3d^6 4s\ ^4H_{9/2}$ – $3d^5 4s 4p\ ^4G_{7/2}$	32	19	12	4
1379.59	Ni II	$3d^8 4s\ ^4P_{3/2}$ – $3d^7 4s 4p\ ^4D_{5/2}$	55	34	12	4
1380.23			31	18	8.3	3
1381.05	C III/2	$2s 2p\ ^1P_1$ – $2s 3s\ ^1S_0$				1
1381.30	Ni II	$3d^9\ ^2D_{3/2}$ – $3d^8 4p\ ^2P_{1/2}$	59	39	10	4
1381.55	S I	$3s^2 3p^4\ ^3P_2$ – $3s 3p^5\ ^3P_1$	38	24	14	4
1382.88	Ca IX/2	$3s^2\ ^1S_0$ – $3s 3p\ ^3P_1$			*137	0

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1384.71			28	16	9.7	3
1385.51	S I	$3s^2 3p^4\ ^3P_1 - 3s\,3p^5\ ^3P_0$	34	20	5.8	4
1385.74					14	3
1386.79					10	3
1387.22	Fe II	$3d^7\ ^2H_{11/2} - 3d^5 4s\,4p\ ^4F_{9/2}$	45	28	10	4
1387.32						3
1387.98	Mg IX/2	$2s^2\ ^1S_0 - 2s\,2p\ ^3P_2$				0
1388.32	Na IX/2	$2s\ ^2S_{1/2} - 2p\ ^2P_{1/2}$				0
1388.44	S I	$3s^2 3p^4\ ^3P_2 - 3s\,3p^5\ ^3P_2$				4
1389.44	Si IX/2	$2s^2 2p^2\ ^3P_2 - 2s\,2p^3\ ^5S_2$				0
1392.15	Fe II	$3d^7\ ^2H_{11/2} - 3d^6 4p\ ^2G_{9/2}$	39	24	10	4
1392.59	S I	$3s^2 3p^4\ ^3P_0 - 3s\,3p^5\ ^3P_1$	38	24	6.8	4
1392.82	Fe II	$3d^7\ ^2H_{9/2} - 3d^6 4p\ ^2G_{7/2}$	58	34	12	4
1393.33	Ni II	$3d^9\ ^2D_{5/2} - 3d^8 4p\ ^2D_{5/2}$	67	39	51	4
1393.78	Si IV	$3s\ ^2S_{1/2} - 3p\ ^2P_{3/2}$	809	405	9943	0
1394.33	(c)/2					0
1396.11	S I	$3s^2 3p^4\ ^3P_1 - 3s\,3p^5\ ^3P_2$	48	31	20	4
1397.22	O IV	$2s^2 2p\ ^2P_{1/2} - 2s\,2p^2\ ^4P_{3/2}$	34	23	83	0
1398.06	S IV	$3s^2 3p\ ^2P_{1/2} - 3s\,3p^2\ ^4P_{3/2}$			12	4
1398.78			42	26	8.1	4
1398.95	H_2	*0 - 5 P2 (X-B)*				4
1399.03	Ni II	$3d^9\ ^2D_{3/2} - 3d^8 4p\ ^2P_{3/2}$	50	32	21	4
1399.77	O IV	$2s^2 2p\ ^2P_{1/2} - 2s\,2p^2\ ^4P_{1/2}$	47	29	428	0
1399.97	Fe II	$3d^6 4s\ ^4P_{1/2} - 3d^5 4s\,4p\ ^6D_{3/2}$	38	22	92	4
1400.52	Ar VIII/2	$2p^6 3s\ ^2S_{1/2} - 2p^6 3p\ ^2P_{3/2}$				0
1401.16	O IV	$2s^2 2p\ ^2P_{3/2} - 2s\,2p^2\ ^4P_{5/2}$	117	69	2162	0
1401.51	S I	$3s^2 3p^4\ ^3P_2 - 3s^2 3p^3 5s\ ^3S_1$	66	42	56	4
1402.77	Si IV	$3s\ ^2S_{1/2} - 3p\ ^2P_{1/2}$	375	229	4016	0
1404.64	O III/2	$2s^2 2p^2\ ^3P_0 - 2s\,2p^3\ ^3P_1$				1
1404.79	S IV	$3s^2 3p\ ^2P_{1/2} - 3s\,3p^2\ ^4P_{1/2}$	85	56	622	0
1404.82	O IV	$2s^2 2p\ ^2P_{3/2} - 2s\,2p^2\ ^4P_{3/2}$				0
1405.61	Fe II	$3d^7\ ^4F_{9/2} - 3d^6 4p\ ^2F_{7/2}$	79	51	89	4
1405.64	O III/2	$2s^2 2p^2\ ^3P_1 - 2s\,2p^3\ ^3P_0$				1
1405.80	O III/2	$2s^2 2p^2\ ^3P_1 - 2s\,2p^3\ ^3P_2$				1
1406.04	S IV	$3s^2 3p\ ^2P_{3/2} - 3s\,3p^2\ ^4P_{5/2}$	54	32	186	0
1407.39	O IV	$2s^2 2p\ ^2P_{3/2} - 2s\,2p^2\ ^4P_{1/2}$	51	35	394	0
1407.70	O III/2	$2s^2 2p^2\ ^3P_2 - 2s\,2p^3\ ^3P_2$				1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1409.07	Si II	$3s\,3p^2\ ^2D_{3/2}$ – $3s\,3p\,3d\ ^2P_{1/2}$	40	24	11	4
1409.34	S I	$3s^2\,3p^4\ ^3P_1$ – $3s^2\,3p^3\,5s\ ^3S_1$	65	42	17	4
1411.07	Ni II	$3d^9\ ^2D_{3/2}$ – $3d^8\,4p\ ^2D_{3/2}$	83	53	16	4
1411.30			45	26	12	3
1411.95	N I	$2s^2\,2p^3\ ^2P_{3/2}$ – $2s^2\,2p^2\,3s\ ^2D_{5/2}$	63	39	62	4
1412.10	Mg IX/2	$2s^2\ ^1S_0$ – $2s\,2p\ ^3P_1$			*317	0
1412.85	Fe II	$3d^7\ ^4F_{9/2}$ – $3d^6\,4p\ ^4D_{7/2}$	93	58	13	4
1412.87	Ni II	$3d^9\ ^2D_{5/2}$ – $3d^8\,4p\ ^4D_{7/2}$				4
1412.87	S I	$3s^2\,3p^4\ ^3P_0$ – $3s^2\,3p^3\,5s\ ^3S_1$				4
1413.02	S VI/2	$2p^6\,3p\ ^2P_{1/2}$ – $2p^6\,3d\ ^2D_{3/2}$				4
1413.65					16	3
1414.30	Ni II	$3d^9\ ^2D_{5/2}$ – $3d^8\,4p\ ^4D_{3/2}$	42	27	6.3	4
1414.36	S I	$3s^2\,3p^4\ ^3P_2$ – $3s^2\,3p^3\,5s\ ^5S_2$				4
1415.73	Ni II	$3d^9\ ^2D_{5/2}$ – $3d^8\,4p\ ^4D_{5/2}$	53	33	6.6	4
1415.77	Fe II	$3d^6\,4s\ ^4G_{11/2}$ – $3d^5\,4s\,4p\ ^2H_{11/2}$				4
1416.73	Fe II	$3d^7\ ^4F_{7/2}$ – $3d^6\,4p\ ^2F_{7/2}$	46	29	9.1	4
1416.93	S IV	$3s^2\,3p\ ^2P_{3/2}$ – $3s\,3p^2\ ^4P_{3/2}$	48	29	110	4
1417.70	Ni II	$3d^8\,4s\ ^4P_{5/2}$ – $3d^7\,4s\,4p\ ^4G_{7/2}$				4
1417.73	Fe II	$3d^6\,4s\ ^4H_{9/2}$ – $3d^5\,4s\,4p\ ^4H_{9/2}$	43	29	10	4
1418.38	Ar V/2	$3s^2\,3p^2\ ^3P_1$ – $3s\,3p^3\ ^3P_2$				1
1418.85	Fe II	$3d^7\ ^4F_{9/2}$ – $3d^6\,4p\ ^4F_{7/2}$	57	38	12	4
1420.89	Fe II	$3d^6\,4s\ ^4H_{7/2}$ – $3d^5\,4s\,4p\ ^4H_{7/2}$	42	24	8.6	4
1421.44	Fe II	$3d^7\ ^4F_{5/2}$ – $3d^6\,4p\ ^2P_{3/2}$	41	25	7.6	4
1421.62	(a)/2					0
1422.54	Fe II	$3d^6\,4s\ ^4F_{3/2}$ – $3d^6\,4p\ ^4F_{3/2}$	44	27	10	4
1423.21	Ni II	$3d^9\ ^2D_{3/2}$ – $3d^8\,4p\ ^2D_{5/2}$	49	32	8.2	4
1423.86	S IV	$3s^2\,3p\ ^2P_{3/2}$ – $3s\,3p^2\ ^4P_{1/2}$			34	4
1424.07	Fe II	$3d^7\ ^4F_{7/2}$ – $3d^6\,4p\ ^4F_{9/2}$	47	29	9.0	4
1424.72	Fe II	$3d^7\ ^4F_{7/2}$ – $3d^6\,4p\ ^4D_{5/2}$	90	55	13	4
1424.79	Fe II	$3d^6\,4s\ ^4D_{5/2}$ – $3d^5\,4s\,4p\ ^4P_{3/2}$				4
1425.03	S I	$3s^2\,3p^4\ ^3P_2$ – $3s^2\,3p^3\,3d\ ^3D_3$	222	147	110	4
1425.19	S I	$3s^2\,3p^4\ ^3P_2$ – $3s^2\,3p^3\,3d\ ^3D_{2,1}$	160	108	55	4
1425.42	S VI/2	$2p^6\,3p\ ^2P_{3/2}$ – $2p^6\,3d\ ^2D_{5/2,3/2}$				1
1426.49					26	3
1427.18	Fe II	$3d^7\ ^4F_{3/2}$ – $3d^6\,4p\ ^2P_{1/2}$	48	30	9.6	4
1427.68	Ar VIII/2	$2p^6\,3s\ ^2S_{1/2}$ – $2p^6\,3p\ ^2P_{1/2}$			*134	0
1430.18	Fe II	$3d^7\ ^4F_{7/2}$ – $3d^6\,4p\ ^4F_{7/2}$	55	34	12	4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1431.03					24	3
1431.32	Ar V/2	$3s^2 3p^2\ ^3P_2$ – $3s\,3p^3\ ^3P_{2,1}$				3
1431.60	C I	$2s\,2p^3\ ^5S_2$ – $2s\,2p^2 3s\ ^5P_3$	90	54	31	4
1432.11	C I	$2s\,2p^3\ ^5S_2$ – $2s\,2p^2 3s\ ^5P_2$	102	64	52	4
1432.53	C I	$2s\,2p^3\ ^5S_2$ – $2s\,2p^2 3s\ ^5P_1$	89	54	44	4
1432.87	Fe II	$3d^6 4s\ ^4F_{9/2}$ – $3d^5 4s\,4p\ ^4F_{9/2}$	50	35	11	4
1433.29	S I	$3s^2 3p^4\ ^3P_1$ – $3s^2 3p^3 3d\ ^3D_2$	175	136	79	4
1434.96	Fe II	$3d^7\ ^4F_{5/2}$ – $3d^6 4p\ ^4D_{3/2}$	74	49	23	4
1436.52	(e)/2				*215	0
1436.97	S I	$3s^2 3p^4\ ^3P_0$ – $3s^2 3p^3 3d\ ^3D_1$	150	95	41	4
1437.00	O II/2	$2s^2 2p^3\ ^2D_{5/2}$ – $2s\,2p^4\ ^2D_{5/2}$				1
1438.13	Fe II	$3d^7\ ^4F_{7/2}$ – $3d^6 4p\ ^4P_{5/2}$	54	37	16	4
1439.11			46	32	23	3
1439.86					21	3
1440.79	Fe II	$3d^7\ ^4F_{3/2}$ – $3d^6 4p\ ^4D_{3/2}$	56	39	13	4
1440.91	Fe II	$3d^7\ ^4F_{5/2}$ – $3d^6 4p\ ^4F_{5/2}$	56	36	11	4
1441.12	Fe II	$3d^6 4s\ ^4F_{5/2}$ – $3d^5 4s\,4p\ ^4F_{5/2}$	52	32	11	4
1442.56	(c)/2				*208	0
1442.75	Fe II	$3d^7\ ^4F_{3/2}$ – $3d^6 4p\ ^4D_{1/2}$	74	49		4
1444.09					26	3
1444.30	S I	$3s^2 3p^4\ ^3P_2$ – $3s^2 3p^3 4s\ ^1D_2$	83	57	25	4
1445.10	Ni II	$3d^9\ ^2D_{3/2}$ – $3d^8 4p\ ^4D_{3/2}$	58	39	13	4
1445.77	Si VIII	$2s^2 2p^3\ ^4S_{3/2}$ – $2s^2 2p^3\ ^2D_{3/2}$	60	38	113	0
1446.12			53	34	30	3
1446.59	Ni II	$3d^9\ ^2D_{3/2}$ – $3d^8 4p\ ^4D_{5/2}$	62	39	11	4
1447.27	Fe II	$3d^7\ ^4F_{3/2}$ – $3d^6 4p\ ^4P_{1/2}$	57	37	11	4
1448.23	S I	$3s^2 3p^4\ ^1D_2$ – $3s^2 3p^3 4s\ ^1P_1$	66	45	15	4
1450.01	Ni II	$3d^9\ ^2D_{5/2}$ – $3d^8 4p\ ^2P_{3/2}$	60	41	11	4
1453.08			59	39		3
1454.85	Ni II	$3d^9\ ^2D_{5/2}$ – $3d^8 4p\ ^2D_{5/2}$	96	63	0	4
1456.13	C I	$2s^2 2p^2\ ^1S_0$ – $2s^2 2p\ 14d\ ^1P_1$	63	41	14	4
1456.23						3
1457.38	S III/2	$3s^2 3p^2\ ^3P_2$ – $3s\,3p^3\ ^3S_1$				1
1457.49	C I	$2s^2 2p^2\ ^1S_0$ – $2s^2 2p\ 14d\ ^3D_1$	60	40	22	4
1458.14			60	43	23	3
1459.03	C I	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\,3d\ ^1P_1$	98	63	60	4
1459.31	Fe II	$3d^5 4s^2\ ^6S_{5/2}$ – $3d^6 5p\ ^6P_{3/2}$	60	39	25	4

Table 1—Continued

λ_{obs} Å	Line	Transition		$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
				mW (sr m^2 Å)$^{-1}$			
1460.45	C I	$2s^2\,2p^2\ ^1S_0$	– $2s^2\,2p\,12d\ ^1P_1$	59	41	18	4
1461.85	C I	$2s^2\,2p^2\ ^1S_0$	– $2s^2\,2p\,12d\ ^3D_1$	60	43	13	4
1463.34	C I	$2s^2\,2p^2\ ^1D_2$	– $2s^2\,2p\,3d\ ^1F_3$	168	107	337	4
1463.38	Fe X	$3s^2\,3p^4\,3d\ ^4F_{9/2}$	– $3s^2\,3p^4\,3d\ ^2F_{7/2}$				0
1463.55	C I	$2s^2\,2p^2\ ^1S_0$	– $2s^2\,2p\,11d\ ^1P_1$	69	47	38	4
1464.59				62	45	13	3
1465.00	C I	$2s^2\,2p^2\ ^1S_0$	– $2s^2\,2p\,11d\ ^3D_1$	63	42	21	4
1465.05	Fe II	$3d^5\,4s^2\ ^6S_{5/2}$	– $3d^6\,5p\ ^6P_{5/2}$				4
1466.21				68	45	12	3
1467.09						35	3
1467.27	Ni II	$3d^9\ ^2D_{5/2}$	– $3d^8\,4p\ ^2D_{3/2}$				4
1467.40	C I	$2s^2\,2p^2\ ^1D_2$	– $2s^2\,2p\,4s\ ^1P_1$	120	77	100	4
1467.76	Ni II	$3d^9\ ^2D_{5/2}$	– $3d^8\,4p\ ^2F_{7/2}$				4
1467.88	C I	$2s^2\,2p^2\ ^1D_2$	– $2s^2\,2p\,3d\ ^3D_3$	110	78	26	4
1468.41	C I	$2s^2\,2p^2\ ^1D_2$	– $2s^2\,2p\,3d\ ^3D_1$	136	93	41	4
1469.12	C I	$2s^2\,2p^2\ ^1S_0$	– $2s^2\,2p\,10d\ ^3D_1$	55	39	10	4
1470.09	C I	$2s^2\,2p^2\ ^1D_2$	– $2s^2\,2p\,3d\ ^3F_3$	134	94	49	4
1470.45	C I	$2s^2\,2p^2\ ^1D_2$	– $2s^2\,2p\,3d\ ^3F_2$	60	44	9.8	4
1471.83	S I	$3s^2\,3p^4\ ^1D_2$	– $3s^2\,3p^3\,4s\ ^3P_2$	71	49	20	4
1472.23	C I	$2s^2\,2p^2\ ^1D_2$	– $2s^2\,2p\,4s\ ^3P_1$	115	73	27	4
1472.97	S I	$3s^2\,3p^4\ ^3P_2$	– $3s^2\,3p^3\,3d\ ^5D_3$	563	361	212	4
1473.24	C I	$2s^2\,2p^2\ ^1S_0$	– $2s^2\,2p\,9d\ ^1P_1$	85	61	33	4
1473.99	S I	$3s^2\,3p^4\ ^3P_2$	– $3s^2\,3p^3\,4s\ ^3D_3$	430	305	187	4
1474.38	S I	$3s^2\,3p^4\ ^3P_2$	– $3s^2\,3p^3\,4s\ ^3D_2$	239	173	63	4
1474.58	S I	$3s^2\,3p^4\ ^3P_2$	– $3s^2\,3p^3\,4s\ ^3D_1$	130	91	20	4
1474.75	C I	$2s^2\,2p^2\ ^1S_0$	– $2s^2\,2p\,9d\ ^3D_1$	77	56	16	4
1476.77				74	51		4
1477.24	Ni II	$3d^9\ ^2D_{5/2}$	– $3d^8\,4p\ ^2F_{5/2}$	81	60	48	4
1477.84	/2					*825	3
1480.22	Ar VIII/2	$2p^6\,4d\ ^2D_{5/2}$	– $2p^6\,5p\ ^2P_{3/2}$			*3630	3
1481.00	C I	$2s^2\,2p^2\ ^1S_0$	– $2s^2\,2p\,8d\ ^3P_1$				4
1481.12	C I	$2s^2\,2p^2\ ^1S_0$	– $2s^2\,2p\,8d\ ^1P_1$	101	69	39	4
1481.45	C I	$2s^2\,2p^2\ ^1S_0$	– $2s^2\,2p\,9s\ ^1P_1$	78	56	74	4
1481.68	S I	$3s^2\,3p^4\ ^3P_1$	– $3s^2\,3p^3\,3d\ ^5D_2$				4
1481.62	/2						3
1481.76	C I	$2s^2\,2p^2\ ^1D_2$	– $2s^2\,2p\,3d\ ^1D_2$	407	297		4
1482.36	/2					*861	4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1482.39	Ni II	$3d^9\ ^2D_{3/2}$ – $3d^8 4p\ ^2P_{3/2}$	82	56		4
1482.72	C I	$2s^2 2p^2\ ^1S_0$ – $2s^2 2p\ 8d\ ^3D_1$	79	58	33	4
1483.04	S I	$3s^2 3p^4\ ^3P_1$ – $3s^2 3p^3 4s\ ^3D_2$	272	193	131	4
1483.23	S I	$3s^2 3p^4\ ^3P_1$ – $3s^2 3p^3 4s\ ^3D_1$	153	107	50	4
1485.62	S I	$3s^2 3p^4\ ^3P_0$ – $3s^2 3p^3 3d\ ^5D_1$	249	133	36	4
1486.53	N IV	$2s^2\ ^1S_0$ – $2s\ 2p\ ^3P_1$	148	79		0
1487.15	S I	$3s^2 3p^4\ ^3P_0$ – $3s^2 3p^3 4s\ ^3D_1$	227	124		4
1489.82	S IV/2	$3s^2 3p\ ^2P_{1/2}$ – $3s\ 3p^2\ ^2P_{3/2}$				1
1492.58	C I	$2s^2 2p^2\ ^1S_0$ – $2s^2 2p\ 7d\ ^3P_1$	118	129		4
1492.63	N I	$2s^2 2p^3\ ^2D_{5/2}$ – $2s^2 2p^2 3s\ ^2P_{3/2}$				4
1492.74	C I	$2s^2 2p^2\ ^1S_0$ – $2s^2 2p\ 7d\ ^1P_1$	152	143		4
1492.82	N I	$2s^2 2p^3\ ^2D_{3/2}$ – $2s^2 2p^2 3s\ ^2P_{3/2}$				4
1493.96	Fe II	$3d^7\ ^2G_{7/2}$ – $3d^6 4p\ ^2G_{7/2}$				4
1493.98	N II/2	$2s^2 2p^2\ ^1D_2$ – $2s^2 2p\ 3s\ ^1P_1$				1
1494.53	C I	$2s^2 2p^2\ ^1S_0$ – $2s^2 2p\ 7d\ ^3D_1$	115	118		4
1496.80	S IV/2	$3s^2 3p\ ^2P_{1/2}$ – $3s\ 3p^2\ ^2P_{1/2}$				1
1500.44	S IV/2	$3s^2 3p\ ^2P_{3/2}$ – $3s\ 3p^2\ ^2P_{3/2}$				1
1500.44	Ni II	$3d^9\ ^2D_{3/2}$ – $3d^8 4p\ ^2D_{3/2}$				4
1510.86	Ni II	$3d^9\ ^2D_{3/2}$ – $3d^8 4p\ ^2F_{5/2}$	221			4
1510.98	C I	$2s^2 2p^2\ ^1S_0$ – $2s^2 2p\ 6d\ ^1P_1$				4
1517.36	O V/2	$2s\ 2p\ ^3P_1$ – $2p^2\ ^3P_2$				1
1518.86	O V/2	$2s\ 2p\ ^3P_0$ – $2p^2\ ^3P_1$				1
1520.42	O V/2	$2s\ 2p\ ^3P_1$ – $2p^2\ ^3P_1$				1
1520.86	O V/2	$2s\ 2p\ ^3P_2$ – $2p^2\ ^3P_2$				1
1523.26	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 26d\ ^3D_3$				4
1523.37	Fe II	$3d^7\ ^4F_{9/2}$ – $3d^6 4p\ ^2H_{11/2}$	140			4
1523.98	O V/2	$2s\ 2p\ ^3P_2$ – $2p^2\ ^3P_1$				1
1524.72	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 22d\ ^3P_{1,2}$	135			4
1524.83	Si I	$3s^2 3p^2\ ^3P_1$ – $3s^2 3p\ 17d\ ^3P_{0,1}$	135			4
1526.71	Si II	$3s^2 3p\ ^2P_{1/2}$ – $3s^2 4s\ ^2S_{1/2}$	767			4
1527.35	Si I	$3s^2 3p^2\ ^3P_1$ – $3s^2 3p\ 15d\ ^3P_{0,2}$	165			4
1528.28	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 17d\ ^3P_1$	137			4
1528.36	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 17d\ ^3D_3$				4
1528.72	N III/2	$2s^2 2p\ ^2P_{3/2}$ – $2s\ 2p^2\ ^2S_{1/2}$				1
1529.46	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 16d\ ^3P_{2,3}$	149			4
1530.30	N IV/2	$2s^2\ ^1S_0$ – $2s\ 2p\ ^1P_1$	*276			1
1530.88	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 15d\ ^3P_2$	161			4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1530.93	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,15d\ ^3D_3$				4
1531.60	Si I	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,17d\ ^3D_2$	142			4
1532.45	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,14d\ ^3P_1$	160			4
1532.63	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,20d\ ^1F_3$	166			4
1533.41	Si I	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,14s\ ^1P_1$				4
1533.43	Si II	$3s^2\,3p\ ^2P_{3/2} - 3s^2\,4s\ ^2S_{1/2}$	696			4
1534.11	Si I	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,12d\ ^3D_1$	184			4
1534.18	Si I	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,15d\ ^3D_2$				4
1534.71	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,13d\ ^3P_{2,3}$	185			4
1537.01	Si I	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,11d\ ^3P_{0,1}$	171			4
1537.29	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,12d\ ^3P_2$	178			4
1537.47	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,12d\ ^3D_3$				4
1537.52	Si I	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,11d\ ^3D_1$	191			4
1537.62	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,15d\ ^1F_3$				4
1537.94	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,12d\ ^3F_3$	188			4
1538.79			172			4
1539.54	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,14d\ ^3D_2$				4
1539.70	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,14d\ ^1F_3$	158			4
1540.71	Si I	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,12d\ ^3D_2$	1206			4
1540.78	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,11d\ ^3P_2$				4
1540.85	Ne VIII/2	$1s^2\,2s\ ^2S_{1/2} - 1s^2\,2p\ ^2P_{3/2}$	*479			1
1541.20	Si I	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,12s\ ^3P_2$	205			4
1541.32	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,13d\ ^1F_3$				4
1541.52	C I	$2s^2\,2p^2\ ^1S_0 - 2s^2\,2p\,5d\ ^3P_1$	190			4
1541.57	Si I	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,10d\ ^3P_1$				4
1542.18	C I	$2s^2\,2p^2\ ^1S_0 - 2s^2\,2p\,5d\ ^1P_1$	262			4
1542.43	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,13d\ ^1D_2$	170			4
1543.72	Si I	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,11d\ ^3D_2$	190			4
1543.96	C I	$2s^2\,2p^2\ ^1S_0 - 2s^2\,2p\,6s\ ^1P_1$	185			4
1544.18	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,12d\ ^3D_2$	164			4
1544.59	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,12d\ ^1F_3$	241			4
1544.67	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,12s\ ^3P_2$				4
1544.76	N III/2	$2s\,2p^2\ ^4P_{5/2} - 2p^3\ ^4S_{3/2}$				1
1545.06	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,10d\ ^3P_1$	215			4
1545.16	Si I	$3s^2\,3p^2\ ^3P_1 - 3s^2\,3p\,11d\ ^1D_2$				4
1545.25	C I	$2s^2\,2p^2\ ^1S_0 - 2s^2\,2p\,5d\ ^3D_1$				4
1545.58	Si I	$3s^2\,3p^2\ ^3P_2 - 3s^2\,3p\,10d\ ^3D_3$	244			4

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1545.61	Si I	$3s^2\,3p^2\ ^3P_0$ – $3s^2\,3p\,9d\ ^3P_1$				4
1545.75	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,10d\ ^3P_2$				4
1546.59	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,10d\ ^3F_3$				4
1546.67	Si I	$3s^2\,3p^2\ ^3P_0$ – $3s^2\,3p\,9d\ ^3D_1$	198			4
1547.13	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,11s\ ^3P_2$	168			4
1547.36	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,9d\ ^3P_{0,1}$	222			4
1548.21	C IV	$2s\ ^2S_{1/2}$ – $2p\ ^2P_{3/2}$	1449			4
1548.72	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,10d\ ^3D_2$	328			4
1549.02	O V/2	$2s\,2p\ ^1P_1$ – $2p^2\ ^1S_0$				1
1550.26	Fe II	$3d^7\ ^4F_{9/2}$ – $3d^6\,4p\ ^4F_{7/2}$	282			4
1550.77	C IV	$2s\ ^2S_{1/2}$ – $2p\ ^2P_{1/2}$	889			4
1551.24	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,9d\ ^3P_2$	285			4
1551.86	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,9d\ ^3D_3$	331			4
1552.21	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,10d\ ^1F_3$	280			4
1552.81	Fe II	$3d^6\,4s\ ^4D_{1/2}$ – $3d^5\,4s\,4p\ ^4D_{1/2}$				4
1552.96	Si I	$3s^2\,3p^2\ ^3P_0$ – $3s^2\,3p\,9d\ ^1P_1$	216			4
1553.37	Si I	$3s^2\,3p^2\ ^3P_0$ – $3s^2\,3p\,10s\ ^1P_1$	210			4
1554.64	Ca II	$3d\ ^2D_{5/2}$ – $5f\ ^2F_{7/2}$	243			4
1554.70	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,9d\ ^3D_2$				4
1555.51	Si I	$3s^2\,3p^2\ ^3P_0$ – $3s^2\,3p\,8d\ ^3D_1$				4
1555.66	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,8d\ ^3P_0$	231			4
1556.04	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,9d\ ^3F_2$				4
1556.16	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,8d\ ^3P_1$	265			4
1556.54	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s\,3p^3\ ^1D_2$	265			4
1558.24	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,9d\ ^3D_2$	264			4
1558.45	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,9d\ ^1D_2$	353			4
1558.55	Fe II	$3d^7\ ^4F_{5/2}$ – $3d^6\,4p\ ^2D_{5/2}$				4
1558.68	Fe II	$3d^7\ ^4F_{3/2}$ – $3d^6\,4p\ ^2D_{3/2}$	417			4
1559.08	Fe II	$3d^7\ ^4F_{9/2}$ – $3d^6\,4p\ ^4F_{9/2}$	655			4
1559.36	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,9d\ ^1F_3$	335			4
1559.49						4
1559.64	O IV/2	$2s\,2p^2\ ^2D_{3/2}$ – $2p^3\ ^2D_{3/2}$				1
1559.81	O IV/2	$2s\,2p^2\ ^2D_{5/2}$ – $2p^3\ ^2D_{5/2}$				1
1559.99	O IV/2	$2s\,2p^2\ ^2D_{3/2}$ – $2p^3\ ^2D_{5/2}$				1
1560.07	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,8d\ ^3P_2$	368			4
1560.31	C I	$2s^2\,2p^2\ ^3P_0$ – $2s\,2p^3\ ^3D_1$	1045			4
1560.68	Ne VIII/2	$1s^2\,2s\ ^2S_{1/2}$ – $1s^2\,2p\ ^2P_{1/2}$	*297			1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1560.68	C I	$2s^2\,2p^2\ ^3P_1$ – $2s\,2p^3\ ^3D_2$				4
1560.93	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,8d\ ^3D_1$	396			4
1561.06	Fe II	$3d^7\ ^4F_{9/2}$ – $3d^6\,4p\ ^4G_{7/2}$				4
1561.34	C I	$2s^2\,2p^2\ ^3P_2$ – $2s^2\,2p^3\ ^3D_{3,2,1}$	1258			4
1561.82	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,8d\ ^3D_2$	263			4
1562.00	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,9d\ ^1D_2$	305			4
1562.29	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,10s\ ^3P_1$	280			4
1563.33	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,8d\ ^1F_3$	324			4
1563.79	Fe II	$3d^7\ ^4F_{7/2}$ – $3d^6\,4p\ ^4F_{7/2}$	647			4
1564.61	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,8d\ ^3F_2$				4
1564.68	Mg VIII/2	$2s^2\,2p\ ^2P_{3/2}$ – $2s\,2p^2\ ^4P_{3/2}$				0
1565.31	Si I	$3s^2\,3p^2\ ^3P_0$ – $3s^2\,3p\,9s\ ^1P_1$	306			4
1565.38	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,8d\ ^3D_2$				4
1566.82	Fe II	$3d^7\ ^4F_{9/2}$ – $3d^6\,4p\ ^4G_{9/2}$	540			4
1567.73	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,9s\ ^3P_2$	305			4
1568.02	Fe II	$3d^7\ ^4F_{5/2}$ – $3d^6\,4p\ ^4F_{3/2}$	415			4
1568.20	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,7d\ ^3P_1$	361			4
1568.62	Si I	$3s^2\,3p^2\ ^3P_0$ – $3s^2\,3p\,7d\ ^3D_1$	299			4
1569.32	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,8d\ ^3F_3$	335			4
1569.67	Fe II	$3d^7\ ^4F_{9/2}$ – $3d^6\,4p\ ^4G_{11/2}$	525			4
1570.24	Fe II	$3d^7\ ^4F_{5/2}$ – $3d^6\,4p\ ^4F_{5/2}$	581			4
1570.52	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,7d\ ^3D_1$	274			4
1571.14	Fe II	$3d^7\ ^4F_{7/2}$ – $3d^6\,4p\ ^4G_{5/2}$	383			4
1571.32	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,9s\ ^3P_2$				4
1571.41	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,7d\ ^3D_2$	387			4
1571.80	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,7d\ ^3P_1$	347			4
1572.72	Si I	$3s^2\,3p^2\ ^3P_0$ – $3s^2\,3p\,9s\ ^3P_1$	466			4
1572.98	S V/2	$3s^2\ ^1S_0$ – $3s\,3p\ ^1P_1$	*174			1
1573.00	Fe II	$3d^6\,4s\ ^4D_{5/2}$ – $3d^6\,4p\ ^4P_{5/2}$				4
1573.63	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,7d\ ^3P_2$	428			4
1573.88	Si I	$3s^2\,3p^2\ ^3P_2$ – $3s^2\,3p\,7d\ ^3D_3$	603			4
1574.04	Fe II	$3d^7\ ^2H_{11/2}$ – $3d^6\,4p\ ^2G_{9/2}$				4
1574.81	Si I	$3s^2\,3p^2\ ^3P_1$ – $3s^2\,3p\,9s\ ^3P_0$	785			4
1574.92	Fe II	$3d^7\ ^4F_{3/2}$ – $3d^6\,4p\ ^4F_{3/2}$	785			4
1574.99						4
1575.11	Si I	$3s^2\,3p^2\ ^3P_0$ – $3s^2\,3p\,7d\ ^1P_1$	582			4
1575.46	O IV/2	$2s^2\,2p\ ^2P_{1/2}$ – $2s\,2p^2\ ^2D_{3/2}$	*296			1

Table 1—Continued

λ_{obs} Å	Line	Transition	$L^{peak}_{\rm QS}$	$L^{peak}_{\rm CH}$	$L^{peak}_{\rm SS}$	Ref.
			mW (sr m^2 Å)$^{-1}$			
1576.83	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 7d\ ^1F_3$	396			4
1577.04	Si I	$3s^2 3p^2\ ^3P_1$ – $3s^2 3p\ 7d\ ^1P_1$				4
1577.17	Fe II	$3d^7\ ^4F_{3/2}$ – $3d^6 4p\ ^4F_{5/2}$	477			4
1578.48	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 7d\ ^3D_2$	402			4
1580.30	Si I	$3s^2 3p^2\ ^3P_1$ – $3s^2 3p\ 7d\ ^3F_2$				4
1580.40	O IV/2	$2s^2 2p\ ^2P_{3/2}$ – $2s\ 2p^2\ ^2D_{5/2}$	*526			1
1580.63	Fe II	$3d^7\ ^4F_{7/2}$ – $3d^6 4p\ ^4G_{9/2}$	2782			4
1581.27	Fe II	$3d^7\ ^4F_{5/2}$ – $3d^6 4p\ ^4G_{5/2}$	481			4
1584.29						4
1584.35	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 7d\ ^3F_3$	469			4
1584.95	Fe II	$3d^7\ ^4F_{5/2}$ – $3d^6 4p\ ^4G_{7/2}$	625			4
1585.99	Fe II	$3d^7\ ^2D_{3/2}$ – $3d^6 4p\ ^2D_{3/2}$	492			4
1586.14	Si I	$3s^2 3p^2\ ^3P_1$ – $3s^2 3p\ 6d\ ^3P_0$				4
1588.29	Fe II	$3d^7\ ^4F_{3/2}$ – $3d^6 4p\ ^4G_{5/2}$	891			4
1588.65			522			4
1590.10			529			4
1592.42	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 6d\ ^3P_2$	619			4
1593.32	O II/2	$2s^2 2p^3\ ^2P_{3/2}$ – $2s\ 2p^4\ ^2D_{5/2}$				1
1594.57	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 6d\ ^3D_3$	687			4
1594.95	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 6d\ ^3P_2$	638			4
1595.76	Si I	$3s^2 3p^2\ ^3P_0$ – $3s^2 3p\ 6d\ ^1P_1$	606			4
1597.96	Si I	$3s^2 3p^2\ ^3P_2$ – $3s^2 3p\ 6d\ ^1F_3$	592			4
1602.21	Fe II	$3d^7\ ^4F_{9/2}$ – $3d^6 4p\ ^2F_{7/2}$	716			4
1602.58	Fe II	$3d^6 4p\ ^6F_{11/2}$ – $3d^6 5d\ ^6G_{13/2}$	826			4
1602.97	C I	$2s^2 2p^2\ ^1S_0$ – $2s^2 2p\ 4d\ ^1P_1$	848			4
1605.32	Fe II	$3d^7\ ^2G_{9/2}$ – $3d^6 4p\ ^2F_{7/2}$	712			4
1605.84	Si I	$3s^2 3p^2\ ^3P_1$ – $3s^2 3p\ 6d\ ^3F_2$	705			4
1606.96	C I	$2s^2 2p^2\ ^1S_0$ – $2s^2 2p\ 5s\ ^1P_1$	745			4
1608.43	C I	$2s^2 2p^2\ ^1S_0$ – $2s^2 2p\ 4d\ ^3D_1$				4
1608.46	Fe II	$3d^6 4s\ ^6D_{9/2}$ – $3d^6 4p\ ^6P_{7/2}$	1092			4
1610.93	Fe II	$3d^7\ ^4F_{9/2}$ – $3d^6 4p\ ^4G_{9/2}$				4
1611.20	Fe II	$3d^6 4s\ ^6D_{9/2}$ – $3d^6 4p\ ^4F_{7/2}$				4