Ion	w (mA)	sigma_w (mA)	Na (cm^-2)	sigma_Na (cm^-	v (km/s)	b (km/s)	sigma_b (km/s)	Na (cm^-2)	sigma_Na (cm^-2)	Remarks
H I 1215	788.53479	19.114935	>14.4	2665.3048	[-130,110]					
H I 1025	503.20923	11.81045	>15.2	0.14270489	[-130,110]					
H I 972	361.17139	9.4720831	>15.5	0.084977394	[-130,110]					
H I 949	314.86438	9.6304083	>15.8	0.067590194	[-130,110]					
H I 937	280.63998	16.879967	>15.9	0.1132975	[-130,110]					
H I 930	-3517.7109	28.135469	NaN	-0.00053762968	[-130,110]					
H I 926	245.45602	9.5863962	16.294679	0.033389307	[-130,110]					Contaminated by emission lines
H I 923	200.26189	7.5681553	16.354483	0.026966557	[-90,50]					
H I 920	202.24727	8.5029974	16.503253	0.03286603	[-90,50]					
H I 919	182.03847	10.534495	16.539241	0.04010685	[-90,50]					
H I 918	172.27391	10.624761	16.640926	0.04285522	[-90,50]					
H I 917	146.78632	10.91488	16.67675	0.043044273	[-90,50]					
H I 916.4	159.62129	10.847659	16.814716	0.041960572	[-90,50]					
H I 915.8	120.23562	10.102622	16.690875	0.033268395	[-60,50]					
H I 915.3	143.83545	9.6785135	16.890423	0.032892661	[-60,50]					
H I 914.9	215.94704	9.913187	17.131754	0.02885239	[-60,75]					914.9 very close by
H I 914.5	91.607918	8.9006166	16.784168	0.033183738	[-50,30]					Contamination
H I 914.2	83.677826	8.5381889	16.797386	0.032751605	[-50,30]					
H I 914.0	101.85059	7.9509869	16.971964	0.025566694	[-50,30]					Boundary of higher Lyman lines is ambiguous
H I 913.8	56.521877	5.7783108	16.762867	0.024950934	[-30,10]					
H I 913.6	<16	15.975982	<16.2	16.188601	[-30,10]					
H I 913.4	<18	17.971575	<16.4	16.306818	[-30,10]					
H I 913.3	<17	16.370281	<16.4	16.304211	[-30,10]					
H I 913.2	<17	16.501478	<16.4	16.349188	[-30,10]					
H I 913.1	<17	16.446217	<16.5	16.444746	[-30,10]					
H I 913.0	<17	16.433025	<16.5	16.444492	[-30,10]					
H I 912.9	<18	17.023834	<16.6	16.517908	[-30,10]					
H I 912.8	<18	17.976347	<16.7	16.608574	[-30,10]					
H I 912.76	<18	17.968821	<16.7	16.687639	[-30,10]					
H I 912.70	<18	17.87303	<16.7	16.685381	[-30,10]					
H I 912.6	<18	17.457752	<16.8	16.772137	[-30,10]					
H I			16.822636	0.017156		24.41906	0.35597	16.822636	0.017156	
He I 584										
He I 537										
C II 903.9	82.295395	8.554615	13.641818	0.027168419	[-50,60]					Cannot take -100 to 100 km/s because the other signals are very close by
C II 903.6	56.690018	8.5313272	13.735003	0.034091677	[-50,60]					
C II 1334										
C II 1036	44.111443	9.1196747	13.630249	0.043666988	[-50,60]					
C II			13.704013	0.051202		19.52857	3.76563	13.704013	0.051202	
C III 977	255.2908	9.0273838	13.905271	0.036182276	[-100,100]					
C III			14.06174	0.054212		21.67845	0.66275	14.625	0.158	
C IV 1548										
C IV 1550										
N II 1083	<43	42.35392	<13.6	13.596395	[-100,100]					
N II 915	<25	24.737373	<13.4	13.361673	[-57,2]					Lies in the break region
N III 989	51.967098	11.385948	13.831169	0.052440147	[-100,100]					
N III 685										
N III 684										
N III			13.795373	0.065222		17.27244	8.90123	13.783	0.031	
N IV 765										Lies in the Lyman break region
N V 1238	<94	93.200005	<13.7	13.64031	[-100,100]					
N V 1242	<98	97.624344	<14.0	13.960191	[-100,100]					
O II 834	274.20618	13.244999	14.799319	0.064755597	[-150,50]					Ambiguity over O II lines
O II 833	42.077347	10.036479	13.989768	0.069139284	[-30,30]					
O II 832	263.83798	15.452649	15.207778	0.07238563	[-70,140]					
O II										Contamination
O III 702										
O III 832	263.83798	15.452649	14.829678	0.07238563	[-130,80]					It seems to be O III but the amplitude is unnecessarily high (maybe some sort of contamination)
O III			14.844858	0.182021		21.75583	3.52088	15.228	0.512	
O IV 554										
O IV 553										
O IV 608										
O IV 787										
O V 629										
O VI 1031	208.00789	11.416915	14.335681	0.022732147	[-100,100]					
O VI 1037	115.9499	12.130836	14.349694	0.033256428	[-100,100]					
O VI			14.35658	0.025239		51.73376	3.61867	14.35658	0.025239	
Ne V 568										
Ne VI 558										
Ne VIII 770										
Ne VIII 780										
Mg II 1240	61.564854	30.868597	16.679323	0.28234082	[-100,100]					Probably no Mg II because strength of 1239 > 1240
Mg II 1239	<94	93.967369	<16.5	16.412487	[-100,100]					
Al II 1670										
Si II 1526										
Si II 1304										
Si II 1260	<135	134.4678	<13.0	12.908516	[-100,100]					
Si II 1193	<82	81.130226	<13.1	13.043579	[-100,100]					
Si II 1190	<82	81.42646	<13.4	13.346797	[-100,100]					
Si II 1020	<55	54.562267	<14.6	14.546599	[-100,100]					Taken as non-detection, maybe contamination, very less strength
Si II 989	50.229946	11.42749	13.612445	0.054096185	[-100,100]					Contamination as higher and strong lines are missiing
Si III 1206	268.65253	24.435003	13.417691	0.27665093	[-100,100]					Very strong line (strengthwise)
Si III			13.504764	0.070026		21.85334	1.35652	13.799	0.171	
Si IV 1393										Taken as detection but looks like contamination
Si IV 1402										
S II 1259	663.17206	26.424858	>15.8	432.27913	[-110,90]					It could be contamination as other S II lines are absent
S II 1253	<96	95.160553	<14.8	14.798176	[-100,100]					
S II 1250	<98	97.690407	<15.2	15.111802	[-100,100]					
S III 1190	<82	81.32856	<14.5	14.466043	[-100,100]					
S III 1012	<40	39.721317	<14.1	14.090815	[-100,100]					
S IV 1062	<40	39.457031	<14.0	13.994194	[-100,100]					
S IV 748										
S V 786										
S VI 944	<38	37.165794	0	13.333874	[-100,100]					
S VI 933	<57	56.723377	0	13.221626	[-100,100]					Heavily ruined by emission line
Cl I 1347										
Ti III 1298										
Fe II 1260	<137	136.18309	<14.6	14.587886	[-100,100]					
Fe II 1144	<74	73.999168	<13.9	13.885396	[-100,100]					
Fe III 1122	<69	68.21566	<14.1	14.050705	[-100,100]					