

VELOCITIES OF COMPONENT STARS

Plate	Velocity		Lines	<i>m m</i>
	Primary	Secondary		
1158	-157.5	+222.9	4	.71
1183	+127.1	-186.7	6	.68
1208	+133.9	-212.3	4	.55
1209	+136.0	-229.0	1	.59
1238	-126.5	+221.4	5	.56
1271	+127.9	-210.7	2	.53
1301	+139.6	-226.8	1	.57
1312	+133.3	-202.5	4	.66
1317	+144.0	-198.3	4	.72
1319	+128.5	-180.8	5	.71
1336	+91.3	-168.7	3	.51
1317	-147.1	+245.5	4	.60
1395	-117.0	+279.3	3	.53

The *K*-line seems to vary, though the range is less than that for the other lines. A check plate, No. 4852 taken Feb. 23-502, 1912, agrees in the case of the main lines with the curve within the limits of the probable error, and its value for *K* is added in the table following. To clear the fractions, the weights assigned at the time of measurement are multiplied by 4 in the table following, in which the velocities quoted are simply those as measured relative to the sun. The error of measurement is large, but it should be within 15 or 20 km

K-LINE VELOCITY

Plate	Velocity	Weight	Plate	Velocity	Weight
1138	+82	2	1239	-9	2
1183	+14	1	1296	-8	2
1209	-25	2	1312	+4	2
1214	+55	1	1317	+53	2
1215	+55	2	1333	+33	4
1220	+23	2	1347	-94	2
1221	+81	2	1349	-65	1
1233	+16	1	4852	+12	4