

Eclipsing binary V 1273 Aql = S 10608

Klaus Haeussler¹

Bruno-H.-Buergel-Sternwarte Hartha, Germany

(1) info@sternwarte-hartha.de

Abstract V 1273 Aql (S 10608) is a short-period eclipsing binary. New minima and elements are given.

Objects V 1273 Aql

Submitted 2014-01-11 **Published** 2014-12-20

V 1273 Aql (S 10608) was discovered by G.A. Richter (1969), who recognized its EB nature but was not able to derive an accurate period. First elements have been derived by VSX (2013).

Table 1: Minima of V 1273 Aql (this paper (Hau), Samus (GCVS), Pas (Paschke, OEJV O-C gateway)).



Our paper relies on 652 observations from ASAS (Pojmanski 2002) from where the following elements could be derived

$$\text{Min} = \text{JD } 243\,8939.915 + 0.872\,216\,2 \times E$$

(Type: EB, Max: 12^m6, Min I: 13^m5, Min II: 12^m8).

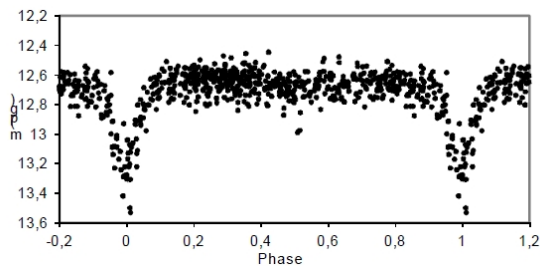


Figure 1: Phase light-curve of V 1273 Aql.

References

- AAVSO 2013 The International Variable Star Index (VSX)
 Paschke, A., 2013, OEJV O-C gateway, <http://var.astro.cz>
 Pojmanski, G. 2002, Acta Astronomica, 52, 397
 Richter, G.A. 1969, MVS, 5, 88
 Samus, N.N. et al. 2012, GCVS Version Jan. 2012

JD hel.	E	O-C	Obs.
38940.52	1	-0.267	GCVS
51274.785	14142	-0.012	Pas
52087.717	15074	0.015	Hau/ASAS
52428.769	15465	0.030	Pas
52511.641	15560	0.042	Hau/ASAS
52545.625	15599	0.009	Hau/ASAS
52928.518	16038	0.000	Hau/ASAS
52935.498	16046	0.002	Hau/ASAS
53082.902	16215	0.001	Hau/ASAS
53109.917	16246	-0.022	Hau/ASAS
53116.905	16254	-0.012	Hau/ASAS
53130.868	16270	-0.005	Hau/ASAS
53144.825	16286	-0.003	Hau/ASAS
53157.911	16301	0.000	Hau/ASAS
53158.783	16302	0.000	Hau/ASAS
53164.848	16309	-0.041	Hau/ASAS
53165.761	16310	0.000	Hau/ASAS
53172.76	16318	0.018	Hau/ASAS
53179.71	16326	-0.010	Hau/ASAS
53185.8	16333	-0.021	Hau/ASAS
53186.68	16334	-0.019	Hau/ASAS
53261.67	16420	-0.035	Hau/ASAS
53575.71	16780	0.007	Hau/ASAS
53589.66	16796	0.001	Hau/ASAS
54229.88	17530	0.018	Hau/ASAS
54250.8	17554	0.002	Hau/ASAS
54354.6	17673	0.007	Hau/ASAS
54591.86	17945	0.029	Hau/ASAS
54615.84	17972.5	0.021	Hau/ASAS
54626.72	17985	-0.004	Hau/ASAS
54681.66	18048	-0.010	Hau/ASAS
54959.88	18367	-0.026	Hau/ASAS
54994.81	18407	0.006	Hau/ASAS