Dates Phenomena Locations	Begins h m s	Maxi. h m s	Ends h m s	Magn. drop	Ph. (s)	Dist. (Rs)	O-C (s)	Ap. (cm)	Rec.	El. Sat. (°)	El. Sun (°)	Cd.	Filt.	T. int. (s)	Dia. (")	Sat. in dia.
KAVALUR		18 42 7 ± 34		.239 ± .030			183	T 102.	CCDC	53	-69	0	2 *3	-	-	-
97/ 9/ 3 1 E3(an)	15 15 3	15 26 7	15 37 50	.486	12.0	4.5										
ALMA-ATA		15 25 41 ± 14		.761 ± .034			26	T 60.	CCDST	25	-22	0	2 R	1.	-	-
97/ 9/ 4 1 E3(pa)	13 7 9	13 13 13	13 19 13	.298	6.5	7.0										
OKAYAMA		13 13 5 ± 23		.324 ± .055			8	T 35.	PM3	38	-41	0	1 V	0.2	40.	-
97/ 9/ 8 3 E2(pa)	10 52 60	11 4 5	11 14 58	.999	8.3	9.3										
FUNAHO		11 4 14 ± 3		2.857 ± .043			-9	T 28.	PM3	31	-21	0	1 V	1.	-	-
OKAYAMA		11 4 18 ± 4		3.214 ± .049			-13	T 35.	PM3	31	-21	0	2 V	1.	40.	-
97/ 9/10 1 O3(an)	16 8 49	16 17 16	16 26 3	.356	-16.2	5.8										
ALMA-ATA		16 17 28 ± 21		.363 ± .028			-12	T 60.	CCDST	29	-32	0	R	-	-	-
FUNAHO		16 17 37 ± 27		.314 ± .034			-21	T 28.	PM3	18	-47	0	2 V	1.	-	-
OKAYAMA		16 17 38 ± 27		.321 ± .039			-22	T 35.	PM3	18	-47	0	1 V	1.	40.	-
97/ 9/11 1 O3(pa)	0 21 20	0 32 28	0 43 24	.204	17.7	1.4										
CATANIA		0 33 35 ± 159		.034 ± .012			-67	T 91.	PM	13	-42	0	2 V	0.1	28.	-
BORDEAUX		0 32 23 ± 178		.240 ± .140			5	T 62.	CCD1	17	-40	0	2	1.	-	-
97/ 9/11 1 O3(pa)	14 3 50	14 8 15	14 12 36	.124	-6.9	5.8										
OKAYAMA		14 9 13 ± 13		.232 ± .028			-58	T 35.	PM3	34	-49	0	3 V	1.	40.	-
FUNAHO		14 8 4 ± 17		.385 ± .049			11	T 28.	PM3	34	-49	0	2 V	0.2	-	-
97/ 9/11 1 E3(A)	16 25 6	16 30 20	16 35 31	.422	6.9	6.9										
KAVALUR		16 30 2 ± 2		.951 ± .020			18	T 102.	CCDC	60	-54	0	1 *3	-	-	-
97/ 9/15 3 E2(pa)	15 0 12	15 9 28	15 18 38	.986	8.4	9.2										
ALMA-ATA		15 9 34 ± 5		5.807 ± .250			-6	T 60.	CCDST	27	-24	0	2 R	1.	-	-
97/ 9/18 1 E3(an)	19 30 10	19 34 52	19 39 31	.472	7.1	6.7										
LUMEZZANE		19 34 57 ± 8		.696 ± .062			-5	T 11.	VISU	25	-23	0	2	-	20.	-
BARCELONA		19 34 45 ± 9		6.884 ± .610			7	T 16.	VISU	27	-19	0	-	-	-	-
MILANO		19 35 36 ± 0		.716 ± .003			-44	L 8.	VISU	25	-23	0	2	-	-	-
OCA		19 34 39 ± 6		.727 ± .044			13	T 150.	PM7	26	-22	0	B	0.2	-	-
OCA		19 34 29 ± 6		.678 ± .039			23	T 150.	PM7	26	-22	0	R	0.2	-	-
OCA		19 34 47 ± 13		.773 ± .111			5	T 150.	PM7	26	-22	0	V	0.2	-	-
NAUSCHNY		19 34 39 ± 8		.651 ± .056			13	T 150.	PMW	27	-36	0	V	-	35.	-
PRAHA		19 34 51 ± 9		.689 ± .081			1	T 30.	V1	21	-23	0	2	0.00	8	-
TORINO		19 34 39 ± 8		.655 ± .052			13	T 15.	CCD2	26	-22	0	1	1.	-	-
CATANIA		19 34 37 ± 7		.059 ± .005			15	T 91.	PM	34	-30	0	2 V	0.1	21.	-
BUCHAREST1		19 34 38 ± 14		.684 ± .099			14	L 38.	CCD1	28	-33	0	1 GG	0.4	-	-
BOSKOOP		19 34 36 ± 21		.392 ± .082			16	T 30.	CCDVX	18	-17	0	-	0.04	-	-
REUX		19 34 19 ± 21		.586 ± .127			33	T 30.	CCD5	20	-18	0	-	0.04	-	-
LISBOA		19 34 37 ± 39		.414 ± .163			15	T 20.	CCD4	32	-25	0	-	0.04	-	-
OOSTDUINKERKE		19 34 43 ± 26		.045 ± .011			9	T 25.	CCD7	19	-16	0	2	0.04	-	-
BORDEAUX		19 34 35 ± 11		.736 ± .076			17	T 62.	CCD1	23	-16	0	2 R	0.5	-	-
97/ 9/19 4 O3(pa)	22 8 16	22 14 47	22 21 20	.061	-13.3	14.8										
UKKEL		22 14 35 ± 196		.076 ± .074			12	T 85.	CCD8	19	-35	0	2	0.06	-	-
BORDEAUX		22 15 13 ± 84		.092 ± .049			-26	T 62.	CCD1	25	-39	0	3 R	0.5	-	-
97/ 9/21 3 E1(pa)	20 27 45	20 31 11	20 34 38	.726	3.8	3.0										
MEUDON		20 31 1 ± 2		1.533 ± .046			10	T 100.	V3	23	-26	0	1	0.04	-	-
PRAHA		20 31 4 ± 6		1.259 ± .137			7	L 19.	V1	21	-31	0	2	0.00	8	-
STUTTGART		20 34 3 ± 2		1.337 ± .045			46	T 30.	CCD11	23	-29	0	2 R	1.	-	-
CACERES		20 31 0 ± 1		1.564 ± .028			11	T 25.	CCD	31	-25	0	V	2-7	-	-
CHATEAUGIRON		20 31 2 ± 3		.518 ± .060			9	T 21.	CCD10	24	-24	0	2	1.2	-	-
Pic-du-Midi		20 31 1 ± 2		.397 ± .011			10	T 100.	CCD1	29	-28	0	2 V	0.1	-	-
ZARAGOZA		20 31 2 ± 3		1.263 ± .050			9	T 15.	CCD	29	-23	0	2	-	-	-