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.
OCA		22 32 11 ± 8		.659 ± .056			24	T 150.	PM7	20	-46	0	B	0.2	-	-
OCA		22 32 23 ± 21		.667 ± .126			12	T 150.	PM7	20	-46	0	R	0.2	-	-
OCA		22 32 7 ± 19		.674 ± .118			28	T 150.	PM7	20	-46	0	V	0.2	-	-
UKKEL		22 32 23 ± 22		.491 ± .145			12	T 85.	CCD8	15	-39	0	3 *1	0.06	-	-
ESSEN		22 32 16 ± 11		.669 ± .095			19	T 36.	PM6	14	-38	0	1 V	0.2	105.	-
97/ 9/28 3 E1(pa)	23 14 4	23 17 26	23 20 47	.483	4.3	3.7										
Pic-du-Midi		23 17 18 ± 5		.753 ± .055			8	T 100.	CCDI	18	-49	0	3 K	0.1	-	-
CATANIA		23 18 1 ± 14		.063 ± .011			-35	T 91.	PM	12	-54	0	1 V	0.1	21.	-
97/ 9/29 3 O2(pa)	18 35 38	18 42 19	18 48 56	.196	-9.8	9.3										
CHATEAUGIRON		18 42 28 ± 45		.394 ± .013			-9	T 21.	CCD10	20	-10	0	3	0.6	-	-
MEUDON		18 40 49 ± 27		.973 ± .129			90	T 100.	V3	20	-12	0	2	0.04	-	-
Pic-du-Midi		18 42 52 ± 33		.173 ± .033			-33	T 100.	CCDI	25	-12	0	2 K	0.1	-	-
CATANIA		18 42 39 ± 19		.070 ± .006			-20	T 91.	PM	33	-24	0	1 V	0.1	21.	-
UKKEL		18 42 43 ± 72		.692 ± .264			-24	T 85.	CCD8	19	-13	0	2	0.06	-	-
BUCHAREST1		18 42 45 ± 39		.345 ± .059			-26	L 38.	CCDI	28	-29	0	1 GG	0.4	-	-
BUCHAREST2		18 42 18 ± 21		.409 ± .050			1	L 38.	CCDST	28	-29	0	1 V	2.	-	-
OHP		18 43 2 ± 24		.476 ± .041			-43	T 80.	CCD1	25	-15	0	3 V	5.	-	-
97/ 9/29 3 E2(pa)	22 40 42	22 46 24	22 52 7	.229	7.1	8.7										
Pic-du-Midi		22 46 32 ± 29		.173 ± .029			-8	T 100.	CCDI	21	-47	0	2 K	0.1	-	-
BORDEAUX		22 46 33 ± 31		.226 ± .047			-9	T 62.	CCD1	19	-46	0	2 R	1.	-	-
MUNICH		22 46 34 ± 60		.235 ± .119			-10	T 28.	CCDM	12	-44	0	2 *4	-	-	-
97/10/ 2 1 O3(pa)	22 38 13	22 40 14	22 42 16	.041	-5.0	4.7										
CATANIA		22 41 15 ± 79		.005 ± .011			-61	T 91.	PM	16	-56	0	1 V	0.1	22.	-
BORDEAUX		22 40 35 ± 55		.181 ± .086			-21	T 62.	CCD1	19	-46	0	3 R	1.	-	-
97/10/ 3 1 E3(an)	1 21 36	1 25 21	1 29 9	.335	7.0	6.1										
NEW-YORK		1 25 2 ± 9		.448 ± .056			19	T 20.	CCD2	29	-29	0	2 V	1.	10.	-
BOWIE		1 25 3 ± 4		.444 ± .023			18	T 20.	CCD2	33	-31	0	2 V	4.	14.	-
97/10/ 5 3 O1(pa)	23 23 48	23 26 4	23 28 20	.141	-4.6	2.4										
ESO		23 26 2 ± 3		.356 ± .017			2	T 220.	CCD3	69	-10	0	1 *2	0.5	-	-
97/10/ 6 3 O2(pa)	22 6 22	22 12 30	22 18 36	.217	-9.5	9.3										
TENERIFE		22 12 41 ± 17		.358 ± .035			-11	T 80.	CCDW	41	-46	0	B	1.	-	-
CATANIA		22 13 9 ± 45		.031 ± .007			-39	T 91.	PM	18	-57	0	2 V	0.1	42.	-