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## Observations of Comets and Asteroids at the Kleť Observatory in the Year 1979

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During the year 1979 were observed at the Kleť Observatory 5 comets and 109 asteroids. The following paper contains their precise positions and total magnitudes.

В 1979 году на обсерватории Клетб было исследовано 7 комет и 109 астероидов. В статье приведены их точные наблюдения и общий блеск.

V roce 1979 bylo na observatoři na Kleti pozorováno 5 komet a 109 malých planet. V práci jsou uvedeny jejich přesné pozice a celkové jasnosti.

The routine programme of comet observations at the Kleť Observatory is continued. A list of precise observations of the following objects obtained at the Observatory during the Year 1979 is presented:

### Comets

P/Ashbrook-Jackson (1977g)  
P/Schwassmann-Wachmann 1  
P/Comas-Solá (1977n)

Comet Meier (1978f)  
Comet Meier (1979i)  
P/Schwassmann-Wachmann 1

### Minor Planets

1178 Gehrels	1690 1948VB	1979HA <sub>1</sub> (KL-24)	1979ST (KL-53)
428 Monachia	1064 Aethusa	1979HB <sub>1</sub> (KL-25)	1979UO (KL-54)
1569 Evita	587 Hypsipyle	1979KB (KL-26)	1979UT (KL-55)
1467 Mashona	1168 Brandia	1979KC (KL-27)	1979UR (KL-56)
492 Romilda	1408 Trusanda	1979KE (KL-28)	1979UV (KL-57)
1629 Pecker	1183 Jutta	1979PA (KL-30)	1979UP (KL-58)

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1024 Hale	1369 Ostanina	1979PB (KL-31)	1979US (KL-59)
128 Nemesis	1822 Waterman	1979PC (KL-32)	1979UU (KL-60)
791 Ani	1856 Růžena	1979PD (KL-33)	1979UQ (KL-61)
611 Lehigh	222 Lucia	1979OC (KL-34)	1979UY (KL-62)
1937 1973YA	835 Olivia	1979QD (KL-35)	1979UX (KL-63)
688 Melanie	420 Bertolda	1979QE (KL-36)	1979UW (KL-64)
118 Peitho	979 Ilsewa	1979QF (KL-37)	1979UZ (KL-65)
419 Holmia	280 Philia	1979SA (KL-38)	1979UA1 (KL-66)
1576 Fabiola	351 Irsa	1979QK (KL-39)	1979UB1 (KL-67)
1628 Strobel	1925 1934RY	1979SF (KL-40)	1979VB (KL-68)
850 Altona	670 Ottegebe	1979SG (KL-41)	1979WA (KL-69)
727 Nipponia	1908 Demeter	1979SH (KL-42)	1979WD (KL-70)
957 Camelia	1972RA <sub>2</sub>	1979SJ (KL-43)	1979YC (KL-71)
787 Moskva	1978LA	1979SK (KL-44)	1979WE (KL-72)
826 Henrika	1015 Christa	1979SL (KL-45)	1979WF (KL-73)
1705 1941SL <sub>1</sub>	1358 Gaika	1979SM (KL-46)	1979WG (KL-74)
874 Rotraut	2156 1979BC (KL-18)	1979SN (KL-47)	1979YD (KL-75)
246 Asporina	1979DA (KL-19)	1979SO (KL-48)	1979YE (KL-76)
478 Tergeste	1979DB (KL-20)	1979SP (KL-49)	1979YF (KL-77)
1436 1936RY	1979FD (KL-21)	1979SQ (KL-50)	
666 Desdemona	1979SE (KL-22)	1979SR (KL-51)	
397 Vienna	1979FF (KL-23)	1979SS (KL-52)	

All asteroids denoted by KL were discovered at the Kleť Observatory in the year 1979. The positions of comets and asteroids were obtained by instruments described in [1, 2]. Reference stars were chosen from The Smithsonian Astrophysical Observatory and AGK-3 Stars Catalogues.

The author wishes to express his thanks to Miss Zdenka Vávrová and to Messrs. Ladislav Brožek and Jaroslav Květoň for their active help in all tasks.

#### References

- [1] MRKOS A., Acta Univ. Carol., Math. Phys., 11 1970, 29.  
 [2] MRKOS A., Acta Univ. Carol., Math. Phys., 19 1978, No 1, 24.

#### Periodic Comet Ashbrook-Jackson 1977g

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
380	Jan. 18.73562	$0^h46^m1.41^s$	$+13^\circ2'42.1''$	17.0	Mrkos Mrkos
	18.74998	0 46 2.49	+13 2 56.3		

#### Reference Stars Numbers

380	SAO	092105	092102	092077	092058	092071	092098
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## Periodic Comet Schwassmann-Wachmann I

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
383	Jan. 20.77084	7 <sup>h</sup> 4 <sup>m</sup> 5.27 <sup>s</sup>	+27°32'21.7"	14.5	Mrkos
	20.78537	7 4 4.90	+27 32 22.4		Mrkos
385	25.79671	7 1 35.66	+27 31 6.1	13.6	Vávrová
	25.81407	7 1 35.18	+27 21 5.7		Vávrová
387	30.75419	6 59 17.82	+27 29 6.4	13.4	Brožek
	30.76669	6 59 17.52	+27 29 5.9		Brožek
389	Feb. 26.89947	6 50 54.74	+27 7 14.0	13.3	Mrkos
	26.91087	6 50 54.49	+27 7 14.2		Mrkos
392	27.79978	6 50 46.62	+27 6 16.6	13.0	Mrkos
	27.81124	6 50 46.52	+27 6 14.7		Mrkos
402	Mar. 22.80313	6 50 48.55	+26 37 27.2	16.0	Mrkos
	22.81458	6 50 48.75	+26 37 29.0		Mrkos

## Reference Stars Numbers

383	SAO	79050	79037	79015	79101	79127	79093
385	SAO	79050	79037	79015	79101	78965	78976
387	SAO	79050	79037	79015	79101	78965	78976
389	SAO	078884	078865	078804	078815	078845	078862
392	SAO	078884	078865	078804	078815	078845	078862
402	SAO	078884	078865	078860	078817	078804	078845

## Periodic Comet Comas-Sola 1977n

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
391	Feb. 26.98552	12 <sup>h</sup> 29 <sup>m</sup> 24.83 <sup>s</sup>	+19°19'13.0"	15.8	Mrkos
	26.99976	12 29 24.18	+19 19 18.0		Mrkos
394	27.87773	12 28 48.07	+19 23 24.1	16.0	Mrkos
	27.89197	12 28 46.70	+19 23 30.7		Mrkos
397	Mar. 2.90854	12 26 31.64	+19 36 58.3	16.5	Mrkos
	2.92318	12 26 31.13	+19 37 2.5		Mrkos
399	4.00510	12 25 39.86	+19 41 34.0	16.6	Mrkos
	4.01969	12 25 39.16	+19 41 37.3		Mrkos
401	19.86833	12 11 49.70	+20 22 35.3	16.6	Mrkos
	19.88274	12 11 48.83	+20 22 37.3		Mrkos
403	22.85729	12 9 9.10	+20 24 7.0	17.0	Vávrová
	22.87535	12 9 8.31	+20 24 6.9		Vávrová
406	24.87418	12 7 22.65	+20 23 54.5	17.2	Vávrová
	24.88876	12 7 21.63	+20 23 53.6		Vávrová
411	Apr. 22.90428	11 49 6.02	+18 39 1.1	17.0	Mrkos
	22.91973	11 49 5.78	+18 38 53.8		Mrkos
415	29.92853	11 47 38.37	+18 14 35.4	17.2	Mrkos
	29.94277	11 47 38.02	+18 14 29.8		Mrkos

## Reference Stars Numbers

391	SAO	100154	100124	100109	100129	100143	100152
394	SAO	100154	100124	100109	100129	100143	100152
397	SAO	100154	100124	100109	082324	082362	082376
399	SAO	82324	82327	100124	100109	100070	82281
401	SAO	82188	82179	82184	82203	82224	82231
403	SAO	82188	82179	82184	82203	82162	
406	SAO	82179	82140	82124	99956	82184	82203
411	SAO	99818	99813	99824	99832	99853	99860
415	SAO	99791	99813	99824	99853	99857	99818

## Comet Meier 1978f

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
492	Aug. 2.00600	23 <sup>h</sup> 35 <sup>m</sup> 2.96 <sup>s</sup>	-17°58'47.2"	13.0	Květoň
	2.01416	23 35 2.57	-17 58 47.5		Květoň
499	15.96417	23 21 31.23	-18 22 38.2	13.3	Mrkos
	15.96862	23 21 30.92	-18 22 39.0		Mrkos
501	18.99306	23 18 20.71	-18 27 8.1		Mrkos
	19.00058	23 18 20.18	-18 27 8.8		Mrkos
509	30.99959	23 5 29.89	-18 39 39.8	13.5	Mrkos
	31.01505	23 5 28.86	-18 39 39.7		Mrkos
511	Sept. 1.02153	23 4 24.52	-18 40 15.9		Květoň
	1.02917	23 4 24.09	-18 40 15.2		Květoň
526	18.90054	22 46 37.91	-18 35 53.7	13.0	Mrkos
	18.91507	22 46 37.09	-18 35 52.2		Mrkos
564	Oct. 20.79206	22 26 20.30	-17 21 0.0	12.7	Mrkos
	20.80835	22 26 20.13	-17 20 57.4		Mrkos
576	Nov. 12.74060	22 22 38.06	-15 48 50.6	13.0	Mrkos
	12.75692	22 22 38.09	-15 48 47.1		Mrkos

## Reference Stars Numbers

492	SAO	165817	165795	165762	165773	165820	165814
499	SAO	165671	165640	165629	165672	165600	165703
501	SAO	165671	165640	165601	165605	165629	165672
509	SAO	165546	165523	165513	165464	165491	165516
511	SAO	165546	165523	165513	165464	165491	165516
526	SAO	165323	165331	165291	165286	165312	165333
564	SAO	165122	165082	165086	165132	165148	165150
576	SAO	165062	165034	165035	165043	165066	165065

## Comet Meier 1979i

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
570	Oct. 24.74152 24.74759	12 <sup>h</sup> 48 <sup>m</sup> 38.74 <sup>s</sup> 12 48 38.02	+58°1'5.9" +58 1 1.4	12.5	Mrkos Mrkos

## Reference Stars Numbers

570	SAO	028538	028539	028518	028497	028524	028543
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## Comet Meier 1979i

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
590	Dec. 25.11972 25.12181	9 <sup>h</sup> 50 <sup>m</sup> 51.38 <sup>s</sup> 9 50 49.73	+48°49' 0.0" +48 48 56.2	14.2	Mrkos Mrkos

## Reference Stars Numbers

590	SAO	043102	043092	043086	043059	AGK3 +49°898	043094
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## Periodic Comet Schwassmann-Wachmann 1

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
588	Dec. 24.97875 24.99333	9 <sup>h</sup> 7 <sup>m</sup> 33.71 <sup>s</sup> 9 7 33.49	+17°22' 5.7" +17 22 7.5	12.8	Mrkos Mrkos
591	Dec. 28.11972 28.13402	9 6 37.54 9 6 37.27	+17 24 10.4 +17 24 10.7		Mrkos Mrkos

## Reference Stars Numbers

588	SAO	098426	098407	098488	098399	098413	098418
591	SAO	098426	098407	098488	098399	098413	098418

Asteroid 1777 Gehrels

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
386	Jan. 25.84810	7 <sup>h</sup> 45 <sup>m</sup> 29.58 <sup>s</sup>	+24°18'8.1"	15.7	Vávrová Vávrová
	25.86234	7 45 28.68	+24 28 8.9		

Reference Stars Numbers

386	SAO	79740	79739	79753	79692	79674	79682
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Asteroid 428 Monachia

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
388	Jan. 30.85714	9 <sup>h</sup> 8 <sup>m</sup> 29.43 <sup>s</sup>	+26°50' 6.5"	16.4	Mrkos Mrkos
		9 8 28.50	+26 50 9.8		
390	Feb. 26.93812	8 40 17.63	+27 16 4.3		Vávrová Vávrová
		26.95323	8 40 16.92		
393	27.83520	8 39 39.84	+27 14 31.7		Vávrová Vávrová
		27.84961	8 39 39.22		
396	Mar. 2.86844	8 37 43.07	+27 8 38.5		Mrkos Mrkos
		2.88302	8 37 42.62		
398	3.96622	8 37 5.29	+27 6 7.9		Vávrová Vávrová
		3.98045	8 37 4.87		
400	19.81850	8 32 40.49	+26 12 31.5		Mrkos Mrkos
		19.83273	8 32 40.49		

Reference Stars Numbers

388	SAO	080673	080679	080689	080700	080691	080661
390	SAO	080385	080409	080304	080350	080301	080391
393	SAO	080385	080409	080304	080350	080301	080391
396	SAO	080408	080410	080409	080350	080270	080291
398	SAO	080295	080301	080350	080382	080204	080377
400	SAO	080295	080266	080246	080283	080270	080298

Asteroid 1569 Evita

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
390	Feb. 26.93812	8 <sup>h</sup> 39 <sup>m</sup> 34.09 <sup>s</sup>	+28° 6'46.5"	17.1	Vávrová
	26.95323	8 39 33.67	+28 6 48.1		Vávrová
393	27.83520	8 39 2.78	+28 8 53.9	Vávrová	
	27.84961	8 39 2.34	+28 8 55.9	Vávrová	
396	Mar. 2.86844	8 37 22.96	+28 15 21.4	Mrkos	
	2.88302	8 37 22.59	+28 15 24.5	Mrkos	
398	3.96622	8 36 49.56	+28 17 23.2	Vávrová	

Reference Stars Numbers

390	SAO	80346	80380	80409	80350	80282	80290
393	SAO	80346	80380	80409	80350	80282	80290
396	SAO	80346	80380	80409	80350	80282	80290
398	SAO	80346	80365	80350	80282	80290	80385

Asteroid 1467 Mashona

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
390	Feb. 26.93812	8 <sup>h</sup> 35 <sup>m</sup> 50.74 <sup>s</sup>	+26° 0'26.3"	15.1 *	Vávrová
	26.95323	8 35 50.12	+26 0 24.2		Vávrová
393	27.83520	8 35 14.55	+25 58 20.8	Vávrová	
	27.84961	8 35 13.93	+25 58 18.7	Vávrová	
396	Mar. 2.86844	8 33 17.50	+25 50 47.0	Mrkos	
	2.88302	8 33 16.97	+25 50 45.1	Mrkos	
398	3.96622	8 32 37.45	+25 47 52.8	Vávrová	
	3.98045	8 32 36.95	+25 47 50.1	Vávrová	

Reference Stars Numbers

390	SAO	80408	80410	80409	80350	80270	80291
393	SAO	80408	80410	80409	80350	80270	80291
396	SAO	80408	80410	80409	80350	80270	80291
398	SAO	80270	80339	80358	80289	80252	80240



Asteroid 492 Romilda

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
404	Mar. 22.90651 22.92222	11 <sup>h</sup> 54 <sup>m</sup> 16.6 <sup>s</sup> 11 54 15.13	+16°9'42.5" +16 9 46.0	16.3	Brožek Brožek

Reference Stars Numbers

404	SAO	99890	99885	99850	99866	99859	99888	99890
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Asteroid 1629 Pecker

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
404	Mar. 22.90561 22.92222	11 <sup>h</sup> 54 <sup>m</sup> 13.51 <sup>s</sup> 11 54 12.61	+15°3'56.1" +15 4 6.2	15.8	Brožek Brožek

Reference Stars Numbers

404	SAO	99890	99885	99850	99866	99859	99888	99890
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Asteroid 1024 Hale

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
406	Mar. 24.87418 24.88876	12 <sup>h</sup> 1 <sup>m</sup> 54.47 <sup>s</sup> 12 1 53.63	+21°43'2.5" +21 43 4.7	16.7	Vávrová Vávrová

Reference Stars Numbers

406	SAO	82142	82127	82108	82112	82147	82153
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Asteroid 128 Nemesis

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
409	Apr. 22.82720 22.84144	11 <sup>h</sup> 18 <sup>m</sup> 11.58 <sup>s</sup> 11 18 11.26	+13°22'19.2" +13 22 18.6	12.8	Vávrová Vávrová

Reference Stars Numbers

409	SAO	99591	99576	99559	99560	99570	99599
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Asteroid 791 Ani

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
411	Apr. 22.90428	11 <sup>h</sup> 52 <sup>m</sup> 0.94 <sup>s</sup>	+19° 6'24.9"	15.7	Vávrová
	22.91973	11 52 0.48	+19 6 25.9		Vávrová
415	29.92853	11 49 11.23	+19 11 6.2		Mrkos
	29.94277	11 49 10.89	+19 11 5.8		Mrkos

Reference Stars Numbers

411	SAO	99896	82073	99856	99832	99853	99884
415	SAO	99799	99816	99824	99847	99856	99858

Asteroid 691 Lening

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
411	Apr. 22.90428	11 <sup>h</sup> 53 <sup>m</sup> 28.74 <sup>s</sup>	+19°28'33.8"	15.0	Vávrová
	22.91973	11 53 28.27	+19 28 32.5		Vávrová
415	29.92853	11 50 31.19	+19 15 38.8		Mrkos
	29.94277	11 50 30.81	+19 15 36.5		Mrkos

## Reference Stars Numbers

411	SAO	99896	82073	99856	99832	99853	99884
415	SAO	99799	99816	99847	99824	99856	99858

## Asteroid 1937—1973 — YA

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
418	May 16.89464 16.91027	14 <sup>h</sup> 21 <sup>m</sup> 27.91 <sup>s</sup> 14 21 27.05	−0°31'47.4" −0 31 49.8	15.7	Květoň Květoň

## Reference Stars Numbers

418	SAO	120439	139927	139903	139886	139836	120397
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## Asteroid 688 Melaniz

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
418	May 16.89464 16.91027	14 <sup>h</sup> 17 <sup>m</sup> 16.08 <sup>s</sup> 14 17 15.50	−0°37' 0.0" −0 36 56.4	15.0	Vávrová Vávrová

## Reference Stars Numbers

418	SAO	120439	139927	139903	139886	139846	120397
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## Asteroid 118 Peitho

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
419	May 16.94400 16.95523	14 <sup>h</sup> 24 <sup>m</sup> 37.34 <sup>s</sup> 14 24 36.72	−13°43'18.4" −13 43 16.6	13.3	Vávrová Vávrová

## Reference Stars Numbers

419	SAO	158572	158553	158557	158581	158602	158592
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## Asteroid 419 Holmia

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
419	May 16.94400	14 <sup>h</sup> 19 <sup>m</sup> 7.09 <sup>s</sup>	-15°38'30.7"	15.2	Vávrová
	16.95523	14 19 6.61	-15 38 26.2		Vávrová
450	29.95492	14 10 30.54	-14 20 54.4		Vávrová
453	30.93551	14 10 24.28	-14 25 16.0		Květoň
	30.95044	14 10 23.61	-14 25 12.0		Květoň

## Reference Stars Numbers

419	SAO	158533	158520	158497	158488	158486	158511
450	SAO	158452	158458	158457	158428	158393	158400
453	SAO	158452	158458	158457	158428	158393	158400

## Asteroid 1576 Fabiola

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
419	May 16.94400	14 <sup>h</sup> 21 <sup>m</sup> 40.77 <sup>s</sup>	-13°1'6.9"	16.8	Vávrová
	16.95523	14 21 39.74	-13 1 5.9		Vávrová

## Reference Stars Numbers

419	SAO	158572	158553	158513	158514	158518	158560
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## Asteroid 1628 Strobel

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
421	May 18.91655	16 <sup>h</sup> 30 <sup>m</sup> 13.89 <sup>s</sup>	+3°16'19.4"	15.9	Mrkos
	18.93108	16 30 13.13	+3 16 24.4		Mrkos

## Reference Stars Numbers

421	SAO	121647	121625	121642	121683	121701	121675
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## Asteroid 850 Altona

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
428	May 20.97847 20.99329	17 <sup>h</sup> 9 <sup>m</sup> 1.58 <sup>s</sup> 17 9 0.92	-3°25'54.0" -3 25 54.2	13.9	Brožek Brožek

## Reference Stars Numbers

428	SAO	141565	141563	141559	141524	141517	141537
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## Asteroid 727 Nipponia

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
430	May 21.91334 21.92810 22.95639	16 <sup>h</sup> 12 <sup>m</sup> 58.13 <sup>s</sup> 16 12 57.38 16 12 1.83	+1°14'48.2" +1 14 50.1 +1 16 25.4	14.9	Brožek Brožek Brožek
434	22.97132	16 12 1.03	+1 16 26.0		Brožek

## Reference Stars Numbers

430	SAO	121439	121403	121433	121470	121488	121474
434	SAO	121439	121403	121433	121470	121488	121474

## Asteroid 957 Camelia

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
450	May 29.95492 29.96968	14 <sup>h</sup> 6 <sup>m</sup> 40.67 <sup>s</sup> 14 6 40.22	-15°50'36.9" -15 50 30.9	15.0	Vávrová Vávrová
453	30.93551 30.95044	14 6 16.00 14 6 15.57	-15 43 50.9 -15 43 45.4		Květoň Květoň

## Reference Stars Numbers

450	SAO	158409	158432	158390	158370	158330	158377
453	SAO	158409	158432	158390	158370	158330	158377

## Asteroid 787 Moskva

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
457	May 31.94653	$16^{\text{h}}39^{\text{m}} 3.68^{\text{s}}$	$+1^{\circ}28'30.4''$	14.0	Květoň
	31.96128	16 39 2.93	+1 28 35.1		
459	Jun. 1.97243	16 38 10.60	+1 33 59.3		Mrkos
	1.98713	16 38 9.81	+1 34 3.2		

## Reference Stars Numbers

457	SAO	121792	121794	121796	121765	121750	121755
459	SAO	121792	121794	121796	121765	121750	121755

## Asteroid 826 Henrika

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
466 470	Jun. 22.91769	$16^{\text{h}}39^{\text{m}}11.83^{\text{s}}$	$-15^{\circ}37'39.3''$	14.5	Vávrová
	23.98112	16 38 31.17	-15 33 17.4		
	23.99299	16 38 30.68	-15 33 14.5		

## Reference Stars Numbers

466	SAO	160068	160061	160027	160005	160038	160082
470	SAO	160068	160061	160027	160005	160038	160082

## Asteroid 1705—1941 SL1

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
467	Jun. 22.97307	$17^{\text{h}}58^{\text{m}}54.93^{\text{s}}$	$-8^{\circ}14'27.8''$	15.8	Brožek
	22.98765	17 58 54.23	-8 14 25.6		

## Reference Stars Numbers

467	SAO	142057	142037	142023	142009	142030	142044
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## Asteroid 874 Rotraut

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
467	Jun. 22.97307 22.98765	18 <sup>h</sup> 1 <sup>m</sup> 28.64 <sup>s</sup> 18 1 28.01	-7°16'19.7" -7 16 19.4	15.0	Brožek Brožek

## Reference Stars Numbers

467	SAO	142057	142037	142048	142087	142105	142082
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## Asteroid 246 Asporina

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
479	July 26.95646	20 <sup>h</sup> 45 <sup>m</sup> 41.44 <sup>s</sup>	-2°55'17.7"	12.8	Květoň
	26.97885	20 45 40.26	-2 55 30.6		Květoň
479	26.99101	20 45 39.72	-2 55 36.0		Květoň
482	29.95052	20 43 21.79	-3 20 51.7		Květoň
	29.96481	20 43 21.09	-3 20 59.1		Květoň

## Reference Stars Numbers

479	SAO	144847	144835	144832	144798	144820	144838
482	SAO	144829	144778	144721	144798	144820	144736

## Asteroid 478 Tergeste

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
483	July 29.98872	21 <sup>h</sup> 40 <sup>m</sup> 49.31 <sup>s</sup>	+5°48'25.7"	13.2	Brožek
	30.00307	21 40 48.72	+5 48 24.8		Brožek
488	31.01714	21 40 8.21	+5 47 38.0		Brožek
	31.03138	21 40 7.65	+5 47 37.8		Brožek

## Reference Stars Numbers

483	SAO	127040	127016	126972	126981	127011	127038
488	SAO	127040	127016	126972	126981	127011	127038

## Asteroid 1436—1936 YA

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
483	July 29.98872	21 <sup>h</sup> 37 <sup>m</sup> 44.88 <sup>s</sup>	+4°49'10.9"	15.3	Vávrová
	30.00307	21 37 44.28	+4 49 12.1		Vávrová
488	31.01714	21 37 1.17	+4 50 20.8		Vávrová
	31.03138	21 37 0.66	+4 50 10.6		Vávrová

## Reference Stars Numbers

483	SAO	127013	127016	126948	126941	126960	127022
488	SAO	127013	127016	126948	126941	126960	127022

## Asteroid 397 Vienna

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
493	Aug. 14.84935	21 <sup>h</sup> 23 <sup>m</sup> 46.54 <sup>s</sup>	+10°11'49.1"	12.3	Mrkos
	14.86353	21 23 45.88	+10 11 46.6		Mrkos
496	15.86064	21 22 58.68	+10 8 50.6		Mrkos
	15.87487	21 22 57.93	+10 8 46.9		Mrkos

## Reference Stars Numbers

493	SAO	107159	107141	107126	107102	126774	126792
496	SAO	107159	107141	107126	107102	126774	126792



Asteroid 666 Desdemona

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
494	Aug. 14.89368	21 <sup>h</sup> 27 <sup>m</sup> 22.39 <sup>s</sup>	-1° 2'32.2"	14.3	Vávrová
	14.90797	21 27 21.67	-1 2 35.7		Vávrová
497	15.89738	21 26 31.25	-1 7 20.8		Vávrová
	15.91168	21 26 30.53	-1 7 25.3		Vávrová
500	18.95938	21 23 54.97	-1 23 14.2		Vávrová
	18.97361	21 23 54.21	-1 23 19.0		Vávrová
503	25.84383	21 18 12.48	-2 4 23.4		Vávrová
	25.85801	21 18 11.77	-2 4 28.8		Vávrová
505	29.89862	21 15 4.49	-2 31 21.0		Vávrová
	29.91321	21 15 3.81	-2 31 25.6		Vávrová
507	30.92170	21 14 19.39	-2 38 21.2		Mrkos
	30.93640	21 14 18.71	-2 38 27.5		Mrkos
514	Sept. 12.79839	21 6 49.14	-4 10 21.5		Mrkos
	12.81263	21 6 48.73	-4 10 27.2		Mrkos
517	13.81574	21 6 24.40	-4 17 36.5		Mrkos
	13.82998	21 6 24.09	-4 17 42.5		Mrkos
519	16.78928	21 5 22.99	-4 38 34.4		Mrkos
	16.80485	21 5 22.66	-4 38 40.5		Mrkos
528	19.79410	21 4 37.47	-4 59 11.8		Mrkos
	19.80856	21 4 37.30	-4 59 17.6		Mrkos

Reference Stars Numbers

494	AGK3 -1°2652	AGK3 -1°2655	AGK3 -0°2780	AGK3 -0°2774
	AGK3 -0°2769	AGK3 -1°2642		
497	AGK3 -1°2652	AGK3 -1°2655	AGK3 -0°2780	AGK3 -0°2774
	AGK3 -0°2769	AGK3 -1°2642		
500	AGK3 -1°2640	AGK3 -1°2645	AGK3 -1°2652	AGK3 -0°2774
	AGK3 -0°2769	AGK3 -0°2762		
503	SAO 145396	145360 145311	145276	145350 145380

Reference Stars Numbers

505	SAO	145350	145360	145294	145233	145244	145297
507	SAO	145350	145360	145294	145233	145244	145297
514	SAO	145165	145181	145140	145116	145084	145123
517	SAO	145165	145181	145140	145116	145084	145123
519	SAO	145224	145181	145116	145084	145123	145197
528	SAO	145197	145181	145116	145063	145075	145156

Asteroid 1690—1948VB

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
498	Aug. 15.93760 15.95010	22 <sup>h</sup> 57 <sup>m</sup> 10.53 <sup>s</sup> 22 57 10.12	+13°1'14.5" +13 1 13.8	15.4	Vávrová Vávrová

Reference Stars Numbers

498	SAO	108327	108316	108304	108276	108351	108373
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Asteroid 1064 Aethusa

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
506	Aug. 29.93988 29.95453	23 <sup>h</sup> 31 <sup>m</sup> 44.30 <sup>s</sup> 23 31 43.54	+13°44' 9.5" +13 44 9.8	14.6	Brožek Brožek
513	Sept. 11.85841 11.87277	23 20 24.66 23 20 23.84	+13 19 34.2 +13 19 30.6		Brožek Brožek
515	12.83589 12.85030	23 19 31.09 23 19 30.22	+13 15 57.8 +13 15 54.3		Brožek Brožek

Reference Stars Numbers

506	SAO	108716	108701	108661	108672	108675	108708
513	SAO	108569	108552	108534	108559	108578	108602
515	SAO	108569	108552	108534	108559	108578	108602

Asteroid 587 Hypsipyle

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
508	Aug. 30.95961 30.97436	23 <sup>h</sup> 37 <sup>m</sup> 0.77 <sup>s</sup> 23 37 0.04	+18°31'42.8" +18 31 45.9	16.9	Brožek Brožek
510	31.98194 31.99653	23 35 52.71 23 35 51.78	+18 36 15.4 +18 36 18.1		Mrkos Mrkos

## Reference Stars Numbers

508	SAO	108788	108772	108712	108702	108737	108791
510	SAO	108788	108772	108712	108702	108737	108791

## Asteroid 1168 Brandia

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
508	Aug. 30.95961	23 <sup>h</sup> 39 <sup>m</sup> 10.33 <sup>s</sup>	+17°46'13.6"	14.7	Brožek Brožek Mrkos Mrkos
	30.97436	23 39 9.90	+17 46 9.3		
510	31.98194	23 38 40.46	+17 40 29.9		
	31.99653	23 38 40.04	+17 40 25.5		

## Reference Stars Numbers

508	SAO	108788	108772	108712	108702	108737	108791
510	SAO	108788	108772	108712	108702	108737	108791

## Asteroid 1408 Trusanda

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
525	Sept. 17.92858	23 <sup>h</sup> 53 <sup>m</sup> 18.05 <sup>s</sup>	+4°53'55.8"	15.7	Mrkos Mrkos Mrkos Mrkos
	17.94299	23 53 17.46	+4 53 50.1		
527	18.93718	23 52 36.76	+4 46 48.0		
	18.95465	23 52 35.96	+4 46 39.1		

## Reference Stars Numbers

525	SAO	128511	128498	128482	128441	128451	128478
527	SAO	128487	128498	128482	128441	128451	128478

Asteroid 1183 Jutta

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
532	Sept. 19.95016	0 <sup>h</sup> 14 <sup>m</sup> 39.60 <sup>s</sup>	+0°22' 7.9"	16.9	Mrkos
	19.96492	0 14 38.79	+0 22 3.8		Mrkos
551	Oct. 12.80682	23 53 53.02	-1 25 51.6		Brožek
	12.82140	23 53 52.52	-1 25 54.2		Brožek

Reference Stars Numbers

532	SAO	109113	109135	109142	109106	109039	109035	128614
551	SAO	146996	146974	146948	146961	147007	147020	

Asteroid 1369 Ostanina

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
532	Sept. 19.95016	0 <sup>h</sup> 13 <sup>m</sup> 26.84 <sup>s</sup>	+1°30'20.3"	14.6	Mrkos
	19.96492	0 13 26.30	+1 30 11.4		Mrkos

Reference Stars Numbers

532	SAO	109113	109135	109142	109106	109039	109035	128614
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Asteroid 1822 Waterman

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
535	Sept. 25.91895	0 <sup>h</sup> 1 <sup>m</sup> 2.19 <sup>s</sup>	+1°18'36.2"	16.8	Brožek
	25.94887	0 1 1.35	+1 18 31.3		Brožek
540	26.91623	0 0 3.40	+1 11 43.5		Brožek
	26.93081	0 0 2.63	+1 11 38.8		Brožek
546	27.95649	23 59 1.48	+1 4 28.7		Brožek
	27.97079	23 59 0.78	+1 4 25.2		Brožek

## Reference Stars Numbers

535	SAO	108997	108900	128528	128522	108983	AGK3 +1°	2872
540	SAO	108997	108900	128528	128522	108983	AGK3 +1°	2872
546	SAO	108997	108900	128528	128522	108991	AGK3 +1°	2875

## Asteroid 1856 Růžena

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
542	Sept. 26.99238 27.00668	1 <sup>h</sup> 46 <sup>m</sup> 1.96 <sup>s</sup> 1 46 1.23	+9°11'12.0" +9 11 5.1	17.0	Květoň Květoň

## Reference Stars Numbers

542	SAO	110146	110147	110139	110090	110101	110125
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## Asteroid 222 Lucia

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
543	Sept. 27.03093 27.04644	2 <sup>h</sup> 44 <sup>m</sup> 52.52 <sup>s</sup> 2 44 52.01	+13°43'15.6" +13 43 13.8	15.0	Mrkos Mrkos

## Reference Stars Numbers

543	SAO	093124	093128	093111	093084	093075	093086
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## Asteroid 835 Olívia

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
549	Oct. 11.79328 11.80792	23 <sup>h</sup> 24 <sup>m</sup> 5.24 <sup>s</sup> 23 24 4.91	+0°44'16.0" +0 44 13.0	15.7	Vávrová Vávrová
552	12.85716 12.87163	23 23 31.84 23 23 31.27	+0 40 38.9 +0 40 37.4		Vávrová Vávrová

## Reference Stars Numbers

549	SAO	128185	128208	128293	128258	128128	AGK3 + 0°2893
552	SAO	128185	128188	128293	128258	128128	AGK3 + 0°2893

## Asteroid 420 Bertholda

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
561	Oct. 19.87031	2 <sup>h</sup> 44 <sup>m</sup> 39.67 <sup>s</sup>	+20° 6'58.7"	13.8	Mrkos
	19.88449	2 44 39.09	+20 6 55.0		Mrkos
566	20.88118	2 43 59.39	+20 2 54.0	13.8	Mrkos
	20.89536	2 43 58.88	+20 2 51.1		Mrkos
569	23.91535	2 41 54.99	+19 50 7.2	13.8	Mrkos
	23.93022	2 41 54.40	+19 50 2.4		Mrkos
572	25.85365	2 40 33.13	+19 41 31.7	13.8	Mrkos
	25.86296	2 40 32.52	+19 41 27.7		Mrkos
581	Nov. 25.90220	2 19 2.61	+17 4 25.5	13.8	Mrkos
	25.91644	2 19 2.13	+17 4 21.4		Mrkos

## Reference Stars Numbers

561	SAO	093129	093072	093051	075537	075591	075627
	SAO	093159					
566	SAO	093129	093033	075509	075537	075591	075627
	SAO	093093					
569	SAO	093072	093033	075485	075554	075591	093129
572	SAO	093046	093043	075558	093090	AGK3 + 18°209	
	AGK3	+ 18°204					
581	SAO	092911	092918	092924	092886	092859	092885

## Asteroid 979 Ilsewa

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
561	Oct. 19.87031	2 <sup>h</sup> 44 <sup>m</sup> 30.54 <sup>s</sup>	+19°36'57.5"	14.7	Mrkos
	19.88449	2 44 29.88	+19 36 52.4		Mrkos
566	20.88118	2 43 47.63	+19 30 48.5	14.7	Mrkos
	20.89536	2 43 47.09	+19 30 43.3		Mrkos
569	23.91535	2 41 35.04	+19 11 42.3	14.7	Mrkos
	23.93022	2 41 34.46	+19 11 36.2		Mrkos
572	25.85365	2 40 7.93	+18 59 2.3	14.7	Mrkos
	25.86296	2 40 7.27	+18 58 56.9		Mrkos
581	Nov. 25.90220	2 18 1.70	+15 23 59.8	14.7	Mrkos
	25.91644	2 18 1.27	+15 23 55.1		Mrkos

## Reference Stars Numbers

561	SAO	093129	093072	093051	075537	075591	075627
	SAO	093159					
566	SAO	093129	093033	093042	093116	093153	093142
	SAO	093093					
569	SAO	093072	093033	075485	075591	093118	093129
572	SAO	093046	093043	075558	093090	AGK3 + 18°209	
	AGK3	+ 18°204					
581	SAO	092911	092918	092924	092886	092859	092885

## Asteroid 280 Philia

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
562	Oct. 19.90978	2 <sup>h</sup> 55 <sup>m</sup> 34.06 <sup>s</sup>	+22°41'52.5"	15.4	Vávrová
	19.92413	2 55 33.40	+22 41 52.9		Vávrová
567	20.92128	2 54 46.01	+22 41 57.7		Vávrová
	20.93639	2 54 45.32	+22 41 58.0		Vávrová
574	25.92720	2 50 33.51	+22 40 34.0		Vávrová
	25.94161	2 50 32.67	+22 40 33.4		Vávrová

## Reference Stars Numbers

562	SAO	075681	075686	075653	075645	AGK3 + 22°268	
	AGK3	+ 23°233					
567	SAO	075681	075686	075653	075645	075675	
	AGK3	+ 22°268	AGK3 + 23°233				
574	SAO	075602	075607	075615	075645	075643	075629

## Asteroid 351 Irsa

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
563	Oct. 19.94884	2 <sup>h</sup> 45 <sup>m</sup> 38.18 <sup>s</sup>	+2°32'34.5"	13.7	Brožek
	19.96319	2 45 37.51	+2 32 31.5		Brožek
568	20.95959	2 44 50.12	+2 28 33.8		Brožek
	20.97406	2 44 49.46	+2 28 30.5		Brožek
575	25.96603	2 40 40.23	+2 9 42.8		Brožek
	25.98044	2 40 39.45	+2 9 39.4		Brožek

## Reference Stars Numbers

563	SAO	110751	110776	110754	110744	110727	110738
568	SAO	110751	110759	110754	110747	110703	110731
575	SAO	110672	110669	110675	110706	110728	110703

## Asteroid 1925 1934RY

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
563	Oct. 19.94884	2 <sup>h</sup> 40 <sup>m</sup> 32.49 <sup>s</sup>	+1° 0'37.5"	15.6	Brožek
	19.96319	2 40 31.68	+1 0 33.3		Brožek
568	20.95959	2 39 41.49	+0 56 4.4	15.6	Brožek
	20.97406	2 39 40.79	+0 55 59.3		Brožek
575	25.96603	2 35 17.88	+0 35 28.8	15.6	Květoň
	25.98044	2 35 16.96	+0 35 26.5		Květoň
579	Nov. 12.87365	2 19 18.38	-0 0 57.8	15.6	Brožek
	12.88794	2 19 17.70	-0 0 57.7		Brožek

## Reference Stars Numbers

563	SAO	110689	110664	110676	110708	110709	110719
568	SAO	110689	110664	110676	110708	110709	110719
575	SAO	110628	110622	110617	110664	110666	130001
579	SAO	110501	110494	110467	129821	129834	129860

## Asteroid 1015 Christa

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
575	Oct. 25.96603	2 <sup>h</sup> 42 <sup>m</sup> 44.03 <sup>s</sup>	+0°58'50.6"	14.2	Květoň
	25.98044	2 42 43.38	+0 58 48.0		Květoň

## Reference Stars Numbers

575	SAO	110692	110719	110731	110718	110808	AGK3 -0°298
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Asteroid 670 Ottegebe

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
582	Nov. 25.94074 25.95498	4 <sup>h</sup> 53 <sup>m</sup> 54.09 <sup>s</sup> 4 53 53.30	+10°30'59.7" +10 30 56.9		Vávrová Vávrová

Reference Stars Numbers

582	SAO	094186	094195	112239	112311	094224	AGK3 +10°331
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Asteroid 1108 Demeter

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
582	Nov. 25.94074 25.95498	4 <sup>h</sup> 50 <sup>m</sup> 52.07 <sup>s</sup> 4 50 50.98	+11°36'40.8" +11 36 30.1		Vávrová Vávrová

Reference Stars Numbers

582	AGK3 +11°453	AGK3 +11°454	AGK3 +11°461	AGK3 +11°462	AGK3 +11°452
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Asteroid 1972RA<sub>2</sub>

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
589	Dec. 25.06278 25.07736	7 <sup>h</sup> 12 <sup>m</sup> 38.42 <sup>s</sup> 7 12 37.47	+27°54'48.2" +27 54 53.9	17.2	Mrkos Mrkos

Reference Stars Numbers

589	SAO	079052	079105	079192	079195	079149	AGK3 +25°812
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Asteroid 1978LA

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
582	Nov. 25.94074 25.95498	4 <sup>h</sup> 51 <sup>m</sup> 3.41 <sup>s</sup> 4 51 2.68	+9°27'27.4" +9 27 26.4	17.8	Vávrová Vávrová

Reference Stars Numbers

582	SAO	094186	094195	112239	112169	112127	112162
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Asteroid 1358 Gaika

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
589	Dec. 25.06278 25.07736	7 <sup>h</sup> 9 <sup>m</sup> 39.30 <sup>s</sup> 7 9 38.42	+25°44'34.7" +25 44 36.9		Mrkos Mrkos

Reference Stars Numbers

589	SAO	079052	079105	079192	079195	079149	AGK3 +25°812
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Asteroid 2156 (KL-18)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
388	Jan. 30.85714	9 <sup>h</sup> 8 <sup>m</sup> 30.82 <sup>s</sup>	+25°18'33.9"	16.8	Mrkos
	30.87091	9 8 29.88	+25 18 36.4		Mrkos
390	Feb. 26.93812	8 39 46.30	+26 0 2.9	16.8	Vávrová
	26.95323	8 39 45.17	+26 0 4.1		Vávrová
393	27.83520	8 39 7.13	+25 59 13.7		Vávrová
	27.84961	8 39 6.53	+25 59 13.5		Vávrová
396	Mar. 2.86844	8 37 6.25	+25 55 29.2		Mrkos
	2.88302	8 37 5.75	+25 55 28.0		Mrkos
398	3.96622	8 36 26.90	+25 53 49.3		Vávrová
	3.98045	8 36 26.34	+25 53 47.6		Vávrová
400	19.81850	8 31 37.49	+25 12 8.7	17.0	Mrkos
	19.83273	8 31 37.66	+25 12 6.7		Mrkos

## Reference Stars Numbers

389	SAO	080703	080686	080681	080664	080647	080641	080704
390	SAO	080418	080371	080291	080303	080301	080391	
393	SAO	080418	080371	080291	080303	080301	080391	
396	SAO	080408	080410	080409	080350	080270	080291	
398	SAO	080270	080339	080358	080289	080252	080240	
400	SAO	080364	080371	080339	080255	080238	080254	080314

## Asteroid 1979DA (KL-19)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
391	Feb. 26.98552	12 <sup>h</sup> 28 <sup>m</sup> 24.18 <sup>s</sup>	+20°17'39.7"	18.0	Mrkos
	26.99976	12 28 23.68	+20 17 43.0		Mrkos
397	Mar. 2.90854	12 25 46.97	+20 31 36.9		Mrkos
	2.92318	12 25 46.73	+20 31 39.4		Mrkos
399	4.00510	12 24 57.68	+20 35 7.5		Mrkos
	4.01969	12 24 56.98	+20 35 10.2		Mrkos
401	19.86833	12 10 15.79	+20 55 54.1		Mrkos
	19.88274	12 10 14.73	+20 55 53.8		Mrkos
406	24.87418	12 3 18.70	+20 42 48.2		Vávrová
	24.88876	12 3 18.58	+20 42 45.5		Vávrová

## Reference Stars Numbers

391	SAO	100154	100124	100109	082324	082362	082376
397	SAO	082281	082299	082349	082327	100072	082362
399	SAO	082324	082327	082299	100109	100070	082281
401	SAO	082188	082179	082184	082203	082224	082231
406	SAO	082179	082127	082128	082124	099956	082142

## Asteroid 1979DB (KL-20)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
390	Feb. 26.93812	8 <sup>h</sup> 42 <sup>m</sup> 34.01 <sup>s</sup>	+26°59'47.6"	16.6	Vávrová
	26.95323	8 42 33.40	+26 59 44.3		Vávrová
393	27.83520	8 41 59.34	+26 57 4.2		Vávrová
	27.84961	8 41 58.56	+26 57 1.7		Vávrová

Table - continued

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
396	Mar. 2.86844	8 <sup>h</sup> 40 <sup>m</sup> 11.60 <sup>s</sup>	+26°46'58.6"	17.4	Mrkos
	2.88302	8 40 11.60	+26 46 54.9		Mrkos
398	3.96622	8 39 37.07	+26 42 57.9		Vávrová
	3.98045	8 39 36.44	+26 42 53.0		Vávrová
400	19.81850	8 35 50.65	+25 28 35.6		Mrkos
	19.83273	8 35 50.70	+25 28 33.0		Mrkos

## Reference Stars Numbers

390	SAO	080408	080410	080409	080350	080270	080291	
393	SAO	080408	080410	080409	080350	080270	080291	
396	SAO	080408	080410	080409	080350	080270	080291	
398	SAO	080295	080301	080350	080382	080377	080385	
400	SAO	080364	080371	080339	080255	080238	080254	

## Asteroid 1979FD (KL-21)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
401	Mar. 19.86833	12 <sup>h</sup> 22 <sup>m</sup> 30.54 <sup>s</sup>	+21°43'55.1"	16.5	Mrkos
	19.88274	12 22 29.77	+21 44 6.0		Mrkos
403	22.85729	12 19 58.72	+22 19 11.1		Vávrová
	22.87535	12 19 57.93	+22 19 23.9		Vávrová
405	23.87676	12 19 5.87	+22 30 41.7		Brožek
	23.89256	12 19 5.33	+22 30 49.5		Brožek

## Reference Stars Numbers

401	SAO	082299	082294	082267	082263	082265	082263
403	SAO	082299	082294	082272	082242	082240	
405	SAO	082299	082294	082272	082242	082240	

Asteroid 1979FE (KL-22)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
391	Feb. 26.98552	12 <sup>h</sup> 27 <sup>m</sup> 26.70 <sup>s</sup>	+18°27'22.2"	17.2	Mrkos
	26.99976	12 27 25.51	+18 27 35.6		
394	27.87773	12 26 53.87	+18 37 17.1	17.0	Mrkos
397	Mar. 2.90854	12 24 54.25	+19 10 42.7		Mrkos
	2.92318	12 24 53.60	+19 10 52.3		Mrkos
399	4.00510	12 24 8.21	+19 22 33.4	16.8	Vávrová
	4.01969	12 24 7.44	+19 22 44.8		Vávrová
401	19.86833	12 11 1.35	+21 55 32.0	16.8	Mrkos
	19.88274	12 11 0.80	+21 55 38.9		Mrkos
406	24.87418	12 6 29.98	+22 32 36.2		Vávrová
	24.88876	12 6 29.29	+22 32 42.0		Vávrová

Reference Stars Numbers

391	SAO	100154	100124	100109	100129	100143	100152
394	SAO	100154	100124	100109	100129	100143	100152
397	SAO	082327	100133	100109	100070	100072	082281
399	SAO	082324	082327	100124	100109	100070	082281
401	SAO	082188	082196	082230	082220	082204	082191
406	SAO	082191	082190	082156	082129	082147	082153

Asteroid 1979FF (KL-23)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
406	Mar. 24.87418	12 <sup>h</sup> 5 <sup>m</sup> 4.01 <sup>s</sup>	+20°47'27.5"	17.0	Vávrová
	24.88876	12 5 3.16	+20 47 26.6		

Reference Stars Numbers

406	SAO	082179	082127	082128	082124	082142	099956
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Asteroid 1979HA<sub>1</sub> (KL-24)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
411	Apr. 22.90428 22.91973	11 <sup>h</sup> 51 <sup>m</sup> 46.07 <sup>s</sup> 11 51 45.82	+19°25'6.1" +19 25 4.0	17.0	Mrkos Mrkos

Reference Stars Numbers

411	SAO	099896	082073	099856	099832	099853	099884
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Asteroid 1979HB<sub>1</sub> (KL-25)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
409	Apr. 22.82720 22.84144	11 <sup>h</sup> 20 <sup>m</sup> 13.88 <sup>s</sup> 11 20 13.81	+13°27'37.3" +13 27 37.7	18.0	Brožek Brožek

Reference Stars Numbers

409	SAO	099591	099576	099559	099560	099570	099599
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Asteroid 1979KB (KL-26)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
423	May. 18.97655	17 <sup>h</sup> 18 <sup>m</sup> 40.09 <sup>s</sup>	-4° 2' 1.8"	16.2	Mrkos
	18.99166	17 18 39.58	-4 1 54.8		Mrkos
427	20.94410	17 17 26.56	-3 44 39.9		Mrkos
	20.95851	17 17 25.99	-3 44 31.0		Mrkos
431	21.95206	17 16 47.23	-3 35 58.3		Vávrová
	21.96647	17 16 46.47	-3 35 50.3		Vávrová
435	22.99470	17 16 4.82	-3 27 8.0		Vávrová
	23.00911	17 16 4.24	-3 27 0.9		Vávrová
443	26.94321	17 13 15.13	-2 55 22.7		Mrkos
	26.95819	17 13 14.31	-2 55 14.5		Mrkos

Table - continued

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
448	29.00807	17 11 40.45	-2 39 51.5		Mrkos
	29.01872	17 11 39.89	-2 39 46.6		Mrkos
451	29.99225	17 10 54.32	-2 32 48.4		Mrkos
	30.00301	17 10 53.79	-2 32 43.6		Mrkos
454	30.97538	17 10 7.72	-2 25 55.1		Mrkos
	30.98690	17 10 7.04	-2 25 50.8		Mrkos
458	31.99138	17 9 18.74	-2 18 59.8		Mrkos
	Jun. 1.00307	17 9 18.22	-2 18 56.2		Mrkos
461	3.01243	17 <sup>h</sup> 7 40.02	-2 6 1.3		Mrkos
	3.02429	17 7 39.59	-2 5 56.2		Mrkos
463	4.03145	17 6 49.76	-1 59 48.5		Mrkos
465	21.95551	16 52 24.83	-0 54 3.6		Květoň
	21.97050	16 52 24.10	-0 54 2.9		Květoň
469	23.94733	16 51 0.27	-0 52 3.7		Vávrová
	23.95896	16 50 59.89	-0 52 3.5		Vávrová
487	July 30.93236	16 42 10.23	-2 52 57.2	17.5	Mrkos
	30.94706	16 42 10.47	-2 53 2.3		Mrkos

## Reference Stars Numbers

423	SAO	141638	141633	141607	141603	141626	141634
427	SAO	141638	141606	141587	141603	141634	
431	SAO	141638	141606	141587	141603	141634	
435	SAO	141638	141606	141587	141583	141634	141603
443	SAO	141565	141552	141563	141559	141606	141587
448	SAO	141565	141552	141563	141559	141606	141587
451	SAO	141565	141587	141574	141551	141533	141552
454	SAO	141565	141587	141574	141551	141533	141552
458	SAO	141565	141587	141574	141551	141533	141552
461	SAO	141552	141574	141551	141527	141518	141524
463	SAO	141542	141559	141551	141527	141521	141524
465	SAO	141459	141427	141411	141300	121942	141479
469	SAO	141459	141427	141411	141300	121942	141479
487	SAO	141337	141344	141358	141333	141313	141331

Asteroid 1979KC (KL-27)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
457	May 31.94653	16 <sup>h</sup> 38 <sup>m</sup> 58.48 <sup>s</sup>	+0° 1'59.5"	16.6	Květoň
	31.96128	16 38 57.69	+0 1 56.2		
459	Jun. 1.97243	16 38 3.05	+0 0 6.7		Brožek
	1.98713	16 38 2.36	+0 0 4.8		
460	2.98008	16 37 8.43	-0 1 59.6		Mrkos
	2.99154	16 37 7.85	-0 1 59.4		
462	4.00760	16 36 12.72	-0 4 22.6		Mrkos
464	Jun. 21.91703	16 21 22.76	-1 29 49.7		Mrkos
	21.93115	16 21 22.13	-1 29 56.2		
468	23.90878	16 20 2.03	-1 44 2.9		Brožek
	23.92337	16 20 1.44	-1 44 8.3		

Reference Stars Numbers

457	SAO	121800	121803	121784	121741	141318	141281
459	SAO	121800	121803	121784	121741	141318	141281
460	SAO	121800	121803	121784	121741	141318	141281
462	SAO	121800	121803	121784	121741	141267	141281
464	SAO	141188	141138	141109	141117	141144	141178
468	SAO	141188	141138	141109	141117	141144	141178

Asteroid 1979KE (KL-28)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
449	May 29.89606	11 <sup>h</sup> 44 <sup>m</sup> 49.30 <sup>s</sup>	+6°26' 0.3"	17.6	Mrkos
	29.91759	11 44 49.94	+6 25 44.5		

Reference Stars Numbers

449	SAO	119057	119056	119044	119016	119016	119030	119059
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Asteroid 1979PA (KL-30)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
493	Aug. 14.84935	21 <sup>h</sup> 28 <sup>m</sup> 23.18 <sup>s</sup>	+10°46' 7.8"	17.2	Mrkos
	14.86353	21 28 22.46	+10 46 4.6		
496	15.86064	21 27 38.65	+10 41 6.2		Mrkos
	15.87487	21 27 38.10	+10 41 3.6		
502	19.03628	21 25 20.16	+10 22 51.5		Mrkos

Reference Stars Numbers

493	SAO	107159	107141	107192	107232	107215	107186
496	SAO	107159	107141	107192	107232	107215	107186
502	SAO	107159	107141	107126	107102	126792	107163

Asteroid 1979PB (KL-31)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
494	Aug. 14.89368	21 <sup>h</sup> 29 <sup>m</sup> 55.09 <sup>s</sup>	-1° 8'46.6"	15.4	Vávrová
	14.90797	21 29 54.38	-1 8 50.6		
497	15.89738	21 29 3.40	-1 13 12.2		Vávrová
	15.91168	21 29 2.59	-1 13 15.9		
500	18.95938	21 26 27.22	-1 27 30.3		Vávrová
	18.97361	21 26 26.50	-1 27 34.9		
503	25.84383	21 20 54.20	-2 3 17.4		Vávrová
	25.85801	21 20 53.48	-2 3 21.3		
505	29.89862	21 17 56.17	-2 25 54.7		Vávrová
	29.91321	21 17 55.55	-2 25 58.7		
507	30.92170	21 17 13.96	-2 31 43.7	16.0	Květoň
	30.93640	21 17 13.29	-2 31 49.1		
519	Sept. 16.78928	21 8 59.61	-4 6 52.8		Mrkos
	16.80485	21 8 59.31	-4 6 57.4		
528	19.79410	21 8 16.58	-4 22 28.2		Květoň
	19.80856	21 8 16.34	-4 22 33.0		

Reference Stars Numbers

494	AGK3 -1°2652	AGK3 -1°2655	AGK3 -0°2780	AGK3 -0°2774			
	AGK3 -0°2769	AGK3 -1°2642					
497	AGK3 -1°2652	AGK3 -1°2655	AGK3 -0°2780	AGK3 -0°2774			
	AGK3 -0°2769	AGK3 -1°2642					
500	AGK3 -1°2640	AGK3 -1°2645	AGK3 -1°2652	AGK3 -0°2774			
	AGK3 -0°2769	AGK3 -0°2762					
503	SAO 145396	145360 145311	145276	145350	145380		
505	SAO 145350	145360 145294	145233	145244	145297		
507	SAO 145350	145360 145294	145233	145244	145297		
519	SAO 145224	145181 145116	145084	145123	145197		
528	SAO 145197	145181 145116	145063	145075	145156		

Asteroid 1979PC (KL-32)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
497	Aug. 14.89368	21 <sup>h</sup> 29 <sup>m</sup> 6.0 <sup>s</sup>	-3°32.6'	15.8	Vávrová
	14.90797	21 29 5.0	-3 32.6		Vávrová
503	25.84383	21 19 30.43	-3 37 8.2		Květoň
	25.85801	21 19 29.60	-3 37 9.9		Květoň
505	29.91321	21 16 8.99	-3 40 55.8		Vávrová
	29.89862	21 16 9.66	-3 40 54.8		Vávrová
507	30.92170	21 15 20.92	-3 41 59.8		Květoň
	30.93640	21 15 20.21	-3 42 0.8		Květoň
514	Sept. 12.79839	21 6 36.12	-3 58 38.1		Mrkos
	12.81263	21 6 35.70	-3 58 40.3		Mrkos
517	13.81574	21 6 3.11	-4 0 4.1		Mrkos
	13.82998	21 6 2.64	-4 0 5.4		Mrkos
519	16.78928	21 4 34.47	-4 4 10.4		Mrkos
	16.80485	21 4 33.95	-4 4 11.8		Mrkos
528	19.79410	21 3 17.81	-4 8 12.2		Květoň
	19.80856	21 3 17.47	-4 8 13.7		Květoň

Reference Stars Numbers

503	SAO 145349	145339	145318	145310	145283	145331
505	SAO 145349	145339	145297	145284	145273	145270
507	SAO 145308	145310	145297	145225	145255	145270
514	SAO 145165	145181	145140	145116	145084	145123
517	SAO 145165	145181	145140	145116	145084	145123
519	SAO 145224	145181	145116	145084	145123	145197
528	SAO 145197	145181	145116	145063	145075	145156

Asteroid 1979PD (KL-33)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
497	Aug. 14.89368 14.90797	21 <sup>h</sup> 29 <sup>m</sup> 26 <sup>s</sup> 21 29 25	-3°33.2' -3 33.3	17.4	Květoň Květoň

Asteroid 1979QC (KL-43)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
507	Aug. 30.92170 30.93640	21 <sup>h</sup> 8 <sup>m</sup> 4.16 <sup>s</sup> 21 8 3.44	-2°34'32.7" -2 34 37.2	16.5	Květoň Květoň
522	Sept. 17.80433 17.82574	20 59 22.93 20 59 22.75	-3 58 59.0 -3 59 5.4	16.8	Mrkos Mrkos

Reference Stars Numbers

507	SAO	145090	145172	145160	145162	145159	145161
522	SAO	145040	145038	145030	145037		

Asteroid 1979QD (KL-35)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
509	Aug. 30.99959 31.01505	23 <sup>h</sup> 11 <sup>m</sup> 44.49 <sup>s</sup> 23 11 43.82	-19°37'23.2" -19 37'30.7	16.6	Mrkos Mrkos

Reference Stars Numbers

509	SAO	165576	165535	165573	191746	191758
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Asteroid 1979QE (KL-36)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
508	Aug. 30.95961	23 <sup>h</sup> 35 <sup>m</sup> 54.96 <sup>s</sup>	+17° 2'41.1"	16.4	Mrkos
	30.97436	23 35 54.22	+17 2 40.4		Mrkos
510	31.98194	23 35 12.00	+17 1 58.3		Mrkos
	31.99653	23 35 11.32	+17 1 55.8		Mrkos
516	Sept. 12.87409	23 26 13.28	+16 38 23.7		Mrkos
	12.88832	23 26 12.36	+16 38 21.0		Mrkos
520	16.83286	23 23 5.65	+16 24 41.7		Vávrová
	16.84733	23 23 5.13	+16 24 39.7		Vávrová
529	19.83212	23 20 44.00	+16 12 34.0		Mrkos
	19.84630	23 20 43.34	+16 12 31.0		Mrkos

Reference Stars Numbers

508	SAO	108788	108772	108712	108702	108737	108791
510	SAO	108788	108772	108712	108702	108737	108791
516	SAO	108641	108656	108653	108606	108601	108617
520	SAO	108599	108577	108557	108603	108606	108617
529	SAO	108599	108577	108557	108556	108601	108617

Asteroid 1979QF (KL-37)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
506	Aug. 29.93988	23 <sup>h</sup> 31 <sup>m</sup> 35.13 <sup>s</sup>	+13°10'31.7"	16.5	Brožek
	29.95453	23 31 34.66	+13 10 26.5		Brožek
515	Sept. 12.83589	23 22 10.57	+11 7 41.3		Brožek
	12.85030	23 22 9.73	+11 7 31.3		Brožek
521	16.87869	23 19 12.91	+10 22 42.6		Mrkos
	16.89299	23 19 12.39	+10 22 34.2		Mrkos
523	17.85172	23 18 29.54	+10 11 26.1		Mrkos
	17.86584	23 18 29.69	+10 11 10.5		Mrkos
530	19.86973	23 17 2.70	+ 9 47 22.6		Mrkos
	19.88409	23 17 2.20	+ 9 47 13.0		Mrkos
537	26.01241	23 12 47.45	+ 8 30 50.3		Mrkos
	26.02699	23 12 46.80	+ 8 30 39.1		Mrkos
553	Oct. 15.75648	23 3 25.88	+ 4 19 46.0		Mrkos
	15.77066	23 3 25.65	+ 4 19 37.0		Mrkos
558	19.75648	23 2 40.40	+ 3 33 29.2		Mrkos
	19.77072	23 2 40.27	+ 3 33 19.3		Mrkos
565	20.82823	23 2 32.68	+ 3 21 32.2		Brožek
	20.84264	23 2 32.61	+ 3 21 24.2		Brožek

## Reference Stars Numbers

506	SAO	108688	108708	108701	108691	108672	108675
515	SAO	108609	108643	108612	108640	108649	108673
521	SAO	108571	108597	108506	108567	108540	128121
523	SAO	108571	108597	108506	108567	108540	128121
530	SAO	108571	108543	108506	128054	128095	128134
537	SAO	128056	128031	128014	128054	128095	128097
553	SAO	127923	127969	127932	127915	127879	127922
558	SAO	127923	127969	127932	127915	127879	127922
565	SAO	127923	127867	127877	127800	127922	127942

## Asteroid 1979SA (KL-38)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
506	Aug. 29.93988	23 <sup>h</sup> 29 <sup>m</sup> 2.95 <sup>s</sup>	+12°29'37.1"	16.5	Mrkos
		29.95453	+12 29 32.2		Mrkos
515	Sept. 12.83589	23 20 15.30	+11 3 51.6	16.5	Brožek
		12.85030	+11 3 44.9		Brožek
521	16.87869	23 17 34.81	+10 33 57.0	16.5	Mrkos
		16.89299	+10 33 51.1		Mrkos
523	17.85172	23 16 56.40	+10 26 27.0	16.5	Mrkos
		17.86584	+10 26 21.0		Mrkos
530	19.86973	23 15 36.80	+10 10 39.0	16.5	Mrkos
		19.88409	+10 10 31.4		Mrkos
537	26.01241	23 11 41.73	+ 9 20 31.0	16.5	Mrkos
		26.02699	+ 9 20 23.0		Mrkos
553	Oct. 15.75648	23 1 35.20	+ 6 32 17.9	16.5	Mrkos
		15.77060	+ 6 32 8.4		Mrkos
558	19.75648	23 0 12.92	+ 5 59 34.9	16.5	Mrkos
		19.77072	+ 5 59 29.2		Mrkos
565	20.82823	22 59 53.83	+ 5 51 0.3	16.5	Brožek
		20.84264	+ 5 50 52.9		Brožek

## Reference Stars Numbers

506	SAO	108688	108643	108651	108634	108662	108675
515	SAO	108609	108612	108643	108640	108649	108673
521	SAO	108571	108597	108567	108540	108506	128121
523	SAO	108571	108597	108567	108540	108506	128121
530	SAO	108571	108543	108506	128054	128095	128134
537	SAO	128056	128031	128014	128054	128095	128097
553	SAO	128011	127962	127933	127956	127978	127986
558	SAO	127980	127962	127933	127928	127938	127973
565	SAO	127980	127962	127933	127928	127938	127973

Asteroid 1979QK (KL-39)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
506	Aug. 29.93988	23 <sup>h</sup> 32 <sup>m</sup> 37.12 <sup>s</sup>	+13°14'36.6"	17.8	Mrkos Mrkos
	29.95453	23 32 36.58	+13 14 40.4		

Reference Stars Numbers

506	SAO	108708	108716	108730	108691	108672	108675
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Asteroid 1979SF (KL-40)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
525	Sept. 17.92858	23 <sup>h</sup> 46 <sup>m</sup> 37.95 <sup>s</sup>	+4°31'58.3"	16.4	Mrkos Mrkos
	17.94299	23 46 37.12	+4 31 55.7		
527	18.93718	23 45 41.48	+4 29 28.6		Mrkos Mrkos
	18.95465	23 45 40.24	+4 29 25.2		
531	19.90747	23 44 47.15	+4 27 1.0		Květoň Květoň
	19.92222	23 44 46.34	+4 26 59.2		
536	25.97219	23 39 10.54	+4 10 18.6		Mrkos Mrkos
	25.98648	23 39 9.70	+4 10 16.3		
541	26.95431	23 38 17.30	+4 7 27.4		Mrkos Mrkos
	26.96895	23 38 16.47	+4 7 25.2		
545	27.91801	23 37 25.51	+4 4 38.1		Mrkos Mrkos
	27.93259	23 37 24.67	+4 4 35.6		
550	Oct. 11.84270	23 26 22.37	+3 24 35.5		Brožek Brožek
	11.85740	23 26 21.62	+3 24 34.3		
554	15.79450	23 23 53.40	+3 14 34.7		Vávrová Vávrová
	15.80874	23 23 52.92	+3 14 31.9		
559	19.79387	23 21 45.02	+3 5 37.4		Vávrová Vávrová
	19.80816	23 21 44.68	+3 5 35.9		

Reference Stars Numbers

525	SAO	128478	128474	128454	128399	128410	128403	128400
527	SAO	128400	128373	128376	128384	128410	128413	
531	SAO	128300	128373	128376	128384	128410	128413	
536	SAO	128410	128373	128314	128307	128350	128399	
541	SAO	128410	128373	128314	128307	128350	128399	
545	SAO	128384	128373	128314	128350	128399	AGK3	+3°3034
550	SAO	128234	128087	128071	128191	128180	AGK3	+3°3010
554	SAO	128263	128253	128233	128177	128163	128172	128229
559	SAO	128138	128144	128157	128163	128172	AGK3	+2°2934

Asteroid 1979SG (KL-41)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
525	Sept. 17.92858 17.94299	23 <sup>h</sup> 51 <sup>m</sup> 50.61 <sup>s</sup> 23 51 49.73	+3°59'6.8" +3 59 5.2	17.5	Mrkos Mrkos

Reference Stars Numbers

525	SAO	128478	128474	128454	128399	128410	128403	128400
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Asteroid 1979SH (KL-42)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
525	Sept. 17.92858 17.94299	23 <sup>h</sup> 48 <sup>m</sup> 36.55 <sup>s</sup> 23 48 35.54	+3°44' 8.9" +3 44 8.7	17.0	Květoň Mrkos
527	18.93718 18.95465	23 47 44.60 23 47 43.29	+3 43 42.8 +3 43 41.9		Mrkos Mrkos
531	19.90747 19.92222	23 46 54.44 23 46 53.66	+3 43 9.2 +3 43 5.2		Květoň Květoň
536	25.97219 25.98648	23 41 40.15 23 41 39.55	+3 37 52.0 +3 37 50.5		Květoň Mrkos
541	26.95431 26.96895	23 40 50.28 23 40 49.50	+3 36 47.6 +3 36 47.0		Mrkos Mrkos
545	27.91801	23 40 1.97	+3 35 42.2		Brožek
545	27.93259	23 40 0.88	+3 35 41.2		Brožek
550	Oct. 11.84270 11.85740	23 30 6.50 23 30 5.87	+3 19 56.3 +3 19 55.5		Brožek Brožek
554	15.79450 15.80874	23 28 9.63 23 28 9.23	+3 16 58.2 +3 16 56.0		Vávrová Vávrová

Reference Stars Numbers

525	SAO	128478	128474	128454	128399	128410	128403	128400
527	SAO	128444	128474	128454	128399	128384	128403	
531	SAO	128444	128399	128384	128403	128374	128451	
536	SAO	128410	128373	128314	128307	128350	128399	
541	SAO	128410	128373	128314	128307	128350	128399	
545	SAO	128384	128373	128314	128350	128399	AGK3 +3°3034	
550	SAO	128234	128087	128071	128191	128180	AGK3 +3°3010	
554	SAO	128263	128253	128233	128177	128163	128172	128229

Asteroid 1979SJ (KL-43)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
532	Sept. 19.95016	0 <sup>h</sup> 7 <sup>m</sup> 49.84 <sup>s</sup>	+0°38'25.6"	17.0	Mrkos
	19.96492	0 7 49.14	+0 38 23.5		
535	25.93457	0 1 58.90	+0 35 31.7		Mrkos
	25.94887	0 1 58.08	+0 35 32.3		
540	26.91623	0 1 1.76	+0 35 2.1		Mrkos
	26.93081	0 1 0.96	+0 35 0.9		
546	27.95649	0 0 1.59	+0 34 31.5		Květoň
	27.97079	0 0 1.04	+0 34 31.5		
556	Oct. 18.84773	23 44 9.37	+0 38 7.9		Mrkos
	18.86203	23 44 8.82	+0 38 6.8		

Reference Stars Numbers

532	SAO	109113	109135	109142	109106	109039	109035	128614
535	SAO	109016	108900	128528	128542	128556	128567	
540	SAO	109016	108900	128528	128542	128556	128567	
546	SAO	109016	108900	128528	128542	128556	128567	
556	SAO	128371	128394	128391	128379	128343	128354	

Asteroid 1979SK (KL-44)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
531	Sept. 19.90747	23 <sup>h</sup> 37 <sup>m</sup> 10.0 <sup>s</sup>	+3°52'44.0"	16.8	Květoň
	19.92222	23 37 9.0	+3 52 42.0		
534	25.89591	23 32 9.42	+3 27 55.1		Mrkos
	25.91050	23 32 8.74	+3 27 51.9		
539	26.87346	23 31 22.71	+3 23 40.3		Květoň
	26.88804	23 31 22.11	+3 23 37.3		
544	27.87825	23 30 35.64	+3 19 16.8		Mrkos
	27.89249	23 30 34.93	+3 19 14.8		
555	Oct. 15.83235	23 19 44.07	+1 57 23.9		Mrkos
	15.84659	23 19 43.74	+1 57 26.1		



Reference Stars Numbers

534	SAO	128297	128271	128253	128233	128229	128274	AGK3 +3°3010 AGK3 +0°2893
539	SAO	128297	128271	128253	128233	128229	128274	
544	SAO	128274	128246	128230	128211	128191	128234	
555	SAO	128185	128193	128158	128128	128188		

Asteroid 1979SL (KL-45)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
531	Sept. 19.90747	23 <sup>h</sup> 39 <sup>m</sup> 55.32 <sup>s</sup>	+4°44'44.6"	16.0	Květoň
	19.92222	23 39 54.53	+4 44 36.2		Květoň
534	25.89591	23 35 55.96	+3 58 0.2		Mrkos
	25.91050	23 35 55.46	+3 57 53.2		Mrkos
539	26.87346	23 35 17.90	+3 50 16.3		Květoň
	26.88804	23 35 17.38	+3 50 10.2		Květoň
545	27.91801	23 34 37.64	+3 42 1.8		Mrkos
	27.93259	23 34 37.02	+3 41 54.2		Mrkos
549	Oct. 11.79328	23 26 51.21	+3 55 20.1		Vávrová
	11.80792	23 26 50.77	+1 55 12.3		Vávrová
550	11.84270	23 26 49.98	+1 55 3.7		Brožek
	11.85740	23 26 49.52	+1 54 57.7		Brožek
554	15.79450	23 25 8.37	+1 27 7.4		Vávrová
	15.80874	23 25 8.06	+1 27 0.0		Vávrová
559	19.79387	23 23 43.37	+1 0 38.7		Vávrová
	19.80816	23 23 42.94	+1 0 31.0		Vávrová

Reference Stars Numbers

531	SAO	128364	128346	128321	128314	128334	128337	AGK3 +4°3158 AGK3 +3°3010
534	SAO	128297	128271	128253	128266	128314	128307	
539	SAO	128297	128271	128253	128266	128314	128307	
545	SAO	128287	128277	128293	AGK3 +3°3022			
549	SAO	128185	128208	128212	128223	128184	128194	
550	SAO	128234	128232	128012	128194	128184	AGK3 +3°3010	
554	SAO	128212	128204	128193	128185	128184	128194	
559	SAO	128096	128204	128193	128085	128083	128135	

Asteroid 1979SM (KL-46)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
531	Sept. 19.90747	23 <sup>h</sup> 51 <sup>m</sup> 17.63 <sup>s</sup>	+4° 7'38.6"	17.0	Květoň
	19.92222	23 51 16.32	+4 7 32.9		Květoň
536	25.97219	23 46 4.39	+3 55 25.2		Mrkos
	25.98648	23 46 3.69	+3 55 22.8		Mrkos
541	26.95431	23 45 14.60	+3 53 17.7		Mrkos
	26.96895	23 45 13.81	+3 53 15.5		Mrkos
545	27.91801	23 44 25.76	+3 51 8.7		Brožek
	27.93259	23 44 25.16	+3 51 10.1		Brožek

Reference Stars Numbers

531	SAO	128444	128399	128384	128403	128374	128451	
536	SAO	128440	128373	128314	128307	128350	128399	
541	SAO	128440	128373	128314	128307	128350	128399	
545	SAO	128384	128373	128314	128350	128399	AGK3	+3°3034

Asteroid 1979SN (KL-47)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
536	Sept. 25.97219	23 <sup>h</sup> 44 <sup>m</sup> 17.36 <sup>s</sup>	+3°45'31.0"	17.6	Mrkos
	25.98648	23 44 16.61	+3 45 28.6		Mrkos
541	26.95431	23 43 22.44	+3 43 39.5		Mrkos
	26.96895	23 43 21.70	+3 43 38.7		Mrkos
545	27.91801	23 42 28.99	+3 41 49.5		Mrkos
	27.93259	23 42 28.10	+3 41 49.5		Mrkos
550	Oct. 11.84270	23 33 20.71	+3 29 41.8		Brožek
	11.85740	23 33 20.19	+3 29 38.3		Brožek
554	15.79450	23 30 24.71	+3 20 40.0		Vávrová
	15.80874	23 30 24.49	+3 20 37.4		Vávrová

Reference Stars Numbers

536	SAO	128410	128373	128314	128307	128350	128399	
541	SAO	128410	128373	128314	128307	128350	128399	
545	SAO	128384	128373	128314	128350	128399	AGK3	+3°3034
550	SAO	128234	128087	128071	128191	128180	AGK3	+3°3010
554	SAO	128263	128253	128233	128177	128163	128172	128229

Asteroid 1979SO (KL-48)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
535	Sept. 25.93457	0 <sup>h</sup> 8 <sup>m</sup> 17.10 <sup>s</sup>	-1° 5' 8.6"	17.0	Mrkos
	25.94887	0 8 16.23	-1 5 9.2		
540	26.91623	0 7 22.10	-1 5 5.2		Brožek
	26.93081	0 7 21.26	-1 5 6.0		
546	27.95649	0 6 23.79	-1 4 59.4		Květoň
	27.97079	0 6 23.19	-1 4 59.0		
551	Oct. 12.80682	23 53 43.42	-0 56 22.3		Brožek
	12.82140	23 53 42.78	-0 56 20.9		
560	19.83235	23 49 10.20	-0 45 23.8		Brožek
	19.84687	23 49 9.65	-0 45 22.2		

Reference Stars Numbers

535	SAO	128630	128625	128610	128613	128634	128696 147020 AGK3 -0°2992
540	SAO	128630	128625	128610	128613	128634	
546	SAO	128610	128613	128614	128598	128584	
551	SAO	146996	146874	146948	146961	147007	
560	SAO	128452	147018	146948	146961	146916	

Asteroid 1979SP (KL-49)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
535	Sept. 25.93457	0 <sup>h</sup> 2 <sup>m</sup> 28.42 <sup>s</sup>	-1° 52' 18.5"	16.5	Mrkos
	25.94887	0 2 27.95	-1 52 22.0		
540	26.91623	0 1 45.50	-1 57 31.3		Brožek
	26.93081	0 1 44.95	-1 57 35.3		
546	27.95649	0 1 0.00	-2 3 1.0		Květoň
	27.97079	0 0 59.42	-2 3 4.9		
551	Oct. 12.80682	23 50 57.51	-3 13 47.4		Brožek
	12.82140	23 50 57.01	-3 13 50.0		
560	19.83235	23 47 10.92	-3 39 10.3		Brožek
	19.84687	23 47 10.46	-3 39 13.6		

## Reference Stars Numbers

535	SAO	128571	128576	128573	128566	147039	
540	SAO	128571	128576	128573	128566	147039	AGK3 - 1°2892
546	SAO	128570	128571	128566	147039		AGK3 - 1°2892
							AGK3 - 1°2835
551	SAO	146972	146969	146983	146935	146945	
560	SAO	146924	146910	146929	146935	146945	146933

## Asteroid 1979SQ (KL-50)

Plate No.	1970 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
534	Sept. 25.89591	23 <sup>h</sup> 26 <sup>m</sup> 18.35 <sup>s</sup>	+2°15'22.2"	15.8	Mrkos
	25.91050	23 26 17.61	+2 15 17.8		Mrkos
539	26.87346	23 25 31.39	+2 10 26.5		Květoň
	26.88804	23 25 30.70	+2 10 22.7		Květoň
544	27.87825	23 24 43.81	+2 5 23.0		Mrkos
	27.89249	23 24 43.05	+2 5 18.6		Mrkos
552	Oct. 12.85716	23 15 10.14	+0 56 7.5		Vávrová
	12.87163	23 15 10.02	+0 56 3.6		Vávrová
555	15.83235	23 13 54.74	+0 44 51.4		Mrkos
	15.84659	23 13 54.38	+0 44 48.5		Mrkos

## Reference Stars Numbers

534	SAO	128212	128229	128223	AGK3 + 1°2826		AGK3 + 3°3010
539	SAO	128212	128194	128184	128229	128223	AGK3 + 3°3010
544	SAO	128274	128296	128265	128194	128164	128234   AGK3 + 3°3010
552	SAO	128071	128043	128083	128110	128128	AGK3 + 0°2893
555	SAO	128071	128043	128083	128110	128128	AGK3 + 0°2893

## Asteroid 1979SR (KL-51)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
534	Sept. 25.89591	23 <sup>h</sup> 29 <sup>m</sup> 26.34 <sup>s</sup>	+4°31' 2.9"	16.5	Mrkos
	25.91050	23 29 25.83	+4 30 55.1		Mrkos
539	26.87346	23 28 48.13	+4 21 50.5		Květoň
	26.88804	23 28 47.62	+4 21 42.3		Květoň

Table - continued

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
544	27.87825	23 28 9.33	+4 12 20.5		Mrkos
	27.89249	23 28 8.74	+4 12 14.1		
555	Oct. 15.83235	23 19 32.11	+1 33 48.7		Mrkos
	15.84659	23 19 31.86	+1 33 41.7		
559	19.79387	23 18 35.21	+1 4 8.1		Vávrová
	19.80816	23 18 34.96	+1 4 1.9		

## Reference Stars Numbers

534	SAO	128233	128244	128246	128230	128211	128191	AGK3 +3°3010 AGK3 +0°2893 AGK3 +0°2838
539	SAO	128233	128244	128246	128230	128211	128191	
544	SAO	128274	128246	128230	128211	128191	128234	
555	SAO	128083	128110	AGK3 +2°2934		AGK3 +1°2819		
559	SAO	128096	128204	128193	128085	128083	128135	

## Asteroid 1979SS (KL-52)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
534	Sept. 25.89591	23 <sup>h</sup> 31 <sup>m</sup> 18.23 <sup>s</sup>	+2°30'50.5"	17.0	Mrkos
	25.91050	23 31 17.56	+2 30 49.8		
539	26.87346	23 30 24.18	+2 29 25.1		Květoň
	26.88804	23 30 23.29	+2 29 24.5		
544	27.87825	23 29 29.47	+2 27 56.2		Mrkos
	27.89249	23 29 28.48	+2 27 54.0		
549	Oct. 11.79328	23 19 4.52	+2 9 42.4		Vávrová
	11.80792	23 19 4.19	+2 9 41.6		
552	12.85716	23 18 29.70	+2 8 45.3		Vávrová
	12.87163	23 18 29.28	+2 8 45.3		
555	15.83235	23 17 3.95	+2 6 39.4		Mrkos
	15.84659	23 17 3.36	+2 6 39.9		

Reference Stars Numbers

534	SAO	128276	128232	128223	128234	128229	128274	AGK3 +3°3010
539	SAO	128276	128232	128223	128234	128229	128274	
544	SAO	128274	128296	128265	128194	128164	128234	
549	SAO	128135	128164	128138	128110	128120	128128	
552	SAO	128135	128164	128138	128110	128120	128128	
555	SAO	128083	128110	AGK3 +2°2934		AGK3 +1°2819		AGK3 +0°2893
		AGK3 +0°2838						

Asteroid 1979ST (KL-53)

Plate No.	1979 UT	$\alpha$ (1950.0)	$\delta$ (1950.0)	$m_1$	Observer
534	Sept. 25.89591	23 <sup>h</sup> 34 <sup>m</sup> 20.45 <sup>s</sup>	+1°45'18.1"	16.6	Mrkos
	25.91050	23 34 19.94	+1 45 14.2		Mrkos
539	26.87346	23 33 37.89	+1 41 20.7		Květoň
	26.88804	23 33 37.28	+1 41 16.8		Květoň
544	27.87825	23 32 54.53	+1 37 15.8		Mrkos
	27.89249	23 32 53.95	+1 37 12.8		Mrkos
549	Oct. 11.79328	23 23 51.03	+0 38 31.8		Vávrová
	11.80792	23 23 50.75	+0 38 29.6		Vávrová
552	12.85716	23 23 25.15	+0 35 25.7		Vávrová
	12.87163	23 23 24.77	+0 35 21.6		Vávrová

Reference Stars Numbers

534	SAO	128296	128298	128268	128259	AGK3 +1°2838	AGK3 +3°1010	
539	SAO	128296	128298	128268	128259	AGK3 +1°2838		
544	SAO	128274	128296	128265	128194	128164 128234		
549	SAO	128185	128208	128293	128258	128128		AGK3 +0°2893
552	SAO	128185	128188	128293	128258	128128		AGK3 +0°2893

Asteroid 1979UO (KL-54)

Plate No.	1979 UT	$\alpha$ (1950.0)	$\delta$ (1950.0)	$m_1$	Observer
561	Oct. 19.87031	2 <sup>h</sup> 39 <sup>m</sup> 37.94 <sup>s</sup>	+21°31'29.4"	17.6	Mrkos
	19.88449	2 39 37.06	+21 31 28.7		Mrkos
569	23.91535	2 37 18.47	+21 15 15.4		Mrkos
	23.93022	2 37 17.97	+21 15 14.7		Mrkos

## Reference Stars Numbers

561	SAO	075521	075498	075509	075537	075547	AGK3 +22°256
569	SAO	075478	075477	075509	075537	075521	

## Asteroid 1979UT (KL-55)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
561	Oct. 19.87031	2 <sup>h</sup> 45 <sup>m</sup> 7.01 <sup>s</sup>	+20°29'12.2"	17.4	Mrkos
		19.88449	+20 29 3.0		
566	20.88118	2 44 27.56	+20 20 50.8		Mrkos
		20.89536	+20 20 44.1		
569	23.91535	2 42 24.68	+19 54 59.3		Mrkos
		23.93022	+19 54 52.5		

## Reference Stars Numbers

561	SAO	093129	093072	093051	075537	075591	075627	093159
566	SAO	093129	093033	075509	075537	075591	075627	093093
569	SAO	093072	093033	075485	075554	075591	093129	

## Asteroid 1979UR (KL-56)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
561	Oct. 19.87031	2 <sup>h</sup> 42 <sup>m</sup> 48.84 <sup>s</sup>	+20°7' 4.1"	17.8	Mrkos
		19.88449	+20 7 3.7		
566	20.88118	2 41 53.46	+20 6 16.6		Mrkos
		20.89536	+20 6 45.1		
569	23.91535	2 39 1.84	+20 5 6.8		Mrkos
		23.93022	+20 5 7.6		

## Reference Stars Numbers

561	SAO	093129	093072	093051	075537	075591	075627	093159
566	SAO	093129	093033	075509	075537	075591	075627	093093
569	SAO	093072	093033	075485	075554	075591	093129	

Asteroid 1979UV (KL-57)

Plate No.	1979 UT	$\alpha$ (1950.0)	$\delta$ (1950.0)	$m_1$	Observer
561	Oct. 19.87031	2 <sup>h</sup> 49 <sup>m</sup> 38.37 <sup>s</sup>	+20°10'14.1"	17.6	Mrkos
	19.88449	2 49 37.76	+20 10 7.9		Mrkos
566	20.88118	2 48 49.58	+20 2 48.3		Mrkos
	20.89536	2 48 48.70	+20 2 42.4		Mrkos

Reference Stars Numbers

561	SAO	093129	093072	093051	075537	075591	075627	093159
566	SAO	093129	093033	075509	075537	075591	075527	093093

Asteroid 1979UP (KL-58)

Plate No.	1979 UT	$\alpha$ (1950.0)	$\delta$ (1950.0)	$m_1$	Observer
561	Oct. 19.87031	2 <sup>h</sup> 40 <sup>m</sup> 28.05 <sup>s</sup>	+19°28'26.8"	18.0	Mrkos
	19.88449	2 40 27.34	+19 28 25.6		Mrkos
566	20.88118	2 39 31.32	+19 21 59.2		Mrkos
	20.89536	2 39 30.44	+19 21 54.1		Mrkos

Reference Stars Numbers

561	SAO	093129	093072	093051	075537	075591	075627	093159
566	SAO	093129	093033	093042	093116	093153	093142	093093

Asteroid 1979US (KL-59)

Plate No.	1979 UT	$\alpha$ (1950.0)	$\delta$ (1950.0)	$m_1$	Observer
561	Oct. 19.87031	2 <sup>h</sup> 43 <sup>m</sup> 31.63 <sup>s</sup>	+18°59'24.8"	17.4	Mrkos
	19.88449	2 43 30.86	+18 59 23.3		Mrkos
566	20.88118	2 42 42.06	+18 57 56.3		Mrkos
	20.89536	2 42 41.41	+18 57 55.8		Mrkos
569	23.91535	2 40 7.66	+18 52 50.1		Mrkos
	23.93022	2 40 7.17	+18 52 48.8		Mrkos



## Reference Stars Numbers

561	SAO	093129	093072	093042	093116	093153	093142	
566	SAO	093129	093033	093042	093116	093153	093142	093093
569	SAO	093072	093033	093069	093118	093095	AGK3	+18°200

## Asteroid 1979UU (KL-60)

Plate No.	1979 UT	$\alpha$ (1950.0)	$\delta$ (1950.0)	$m_1$	Observer
561	Oct. 19.87031	2 <sup>h</sup> 46 <sup>m</sup> 35.38 <sup>s</sup>	+18°30'36.9"	16.8	Mrkos
	19.88449	2 46 34.76	+18 30 33.5		Mrkos
566	20.88118	2 45 46.77	+18 27 25.2		Mrkos
	20.89536	2 45 46.12	+18 27 20.8		Mrkos
569	23.91535	2 43 15.13	+18 17 12.6		Mrkos
	23.93022	2 43 14.85	+18 17 6.7		Mrkos
572	25.85365	2 41 34.82	+18 10 4.6		Mrkos
	25.86296	2 41 34.35	+18 10 0.3		Mrkos
581	Nov. 25.90220	2 18 15.17	+16 33 55.0		Mrkos
	25.91644	2 18 14.76	+16 33 57.0		Mrkos

## Reference Stars Numbers

561	SAO	093129	093072	093042	093116	093153	093142	
566	SAO	093129	093033	093042	093116	093153	093142	093093
569	SAO	093072	093033	093069	093118	093095	AGK3	+18°200
572	AGK3	+18°209	AGK3	+18°204	AGK3	+17°235	AGK3	+18°210
	AGK3	+18°212						
581	SAO	092911	092918	092924	092886	092886	092859	092885

## Asteroid 1979UQ (KL-61)

Plate No.	1979 UT	$\alpha$ (1950.0)	$\delta$ (1950.0)	$m_1$	Observer
561	Oct. 19.87031	2 <sup>h</sup> 40 <sup>m</sup> 35.48 <sup>s</sup>	+18°41'49.0"	17.0	Mrkos
	19.88449	2 <sup>h</sup> 40 34.79	+18 41 44.4		Mrkos
566	20.88118	2 39 47.41	+18 36 21.7		Mrkos
	20.89536	2 39 46.70	+18 36 16.2		Mrkos
569	23.91535	2 37 15.15	+18 18 54.7		Mrkos
	23.93022	2 37 14.37	+18 18 48.7		Mrkos
572	25.85365	2 35 33.35	+18 7 0.2		Mrkos
	25.86296	2 35 32.52	+18 6 53.9		Mrkos
581	Nov. 25.90220	2 14 55.76	+15 56 22.5		Mrkos
	25.91644	2 14 55.17	+15 56 19.5		Mrkos

Reference Stars Numbers

561	SAO	093129	093072	093042	093116	093153	093142	
566	SAO	093129	093033	093042	093116	093153	093142	093093
569	SAO	093072	093033	093069	093118	093095	AGK3 +18°200	
572	AGK3 +17°216		AGK3 +18°200		AGK3 +18°204	AGK3 +17°235		AGK3 +17°232
	AGK3 +17°221							
581	SAO	092911	092918	092924	092886	092859	092885	

Asteroid 1979UY (KL-62)

Plate No.	1979 UT	$\alpha$ (1950.0)	$\delta$ (1950.0)	$m_1$	Observer
562	Oct. 19.90978	2 <sup>h</sup> 57 <sup>m</sup> 48.28 <sup>s</sup>	+22°16'15.4"	18.0	Vávrová
	29.92413	2 57 46.86	+22 16 18.0		Vávrová
574	25.92720	2 54 47.84	+21 1 3.3		Vávrová
	25.94161	2 54 46.96	+21 1 2.2		Vávrová

Reference Stars Numbers

562	SAO	075681	075686	075653	075645	AGK3 +22°268	AGK3 +23°233
574	AGK3	+20°258	AGK3	+21°261		AGK3 +21°265	AGK3 +21°271
	AGK3	+21°270	AGK3	+20°266			

Asteroid 1979UX (KL-63)

Plate No.	1979 UT	$\alpha$ (1950.0)	$\delta$ (1950.0)	$m_1$	Observer
562	Oct. 19.90978	2 <sup>h</sup> 56 <sup>m</sup> 2.12 <sup>s</sup>	+20°58'49.3"	17.0	Vávrová
	19.92413	2 56 1.52	+20 58 49.0		Vávrová
567	20.92128	2 55 13.80	+20 57 16.7		Vávrová
	20.93639	2 55 13.00	+20 57 15.2		Vávrová
574	25.92720	2 51 1.07	+20 47 51.5		Vávrová
	25.94161	2 51 0.31	+20 47 50.0		Vávrová

Reference Stars Numbers

562	SAO	075634	075675	075682	075635	AGK3 +20°258	AGK3 +21°261
567	SAO	075634	075675	075682	075635	AGK3 +20°258	AGK3 +21°261
574		AGK3 +20°258	AGK3 +21°261	AGK3 +21°265	AGK3 +21°271		
		AGK3 +21°270	AGK3 +20°266				

Asteroid 1979UW (KL-64)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
562	Oct. 19.90978	2 <sup>h</sup> 50 <sup>m</sup> 26.62 <sup>s</sup>	+20°58'57.4"	17.4	Vávrová
	19.92413	2 50 25.88	+20 58 50.5		Vávrová
567	20.92128	2 49 42.24	+20 51 58.7		Vávrová
	20.93639	2 49 41.29	+20 51 55.9		Vávrová

Reference Stars Numbers

562	SAO	075634	075675	075682	075635	AGK3 +20°258	AGK3 +21°261
567	SAO	075634	075675	075682	075635	AGK3 +20°258	AGK3 +21°261

Asteroid 1979UZ (KL-65)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
563	Oct. 25.94884	2 <sup>h</sup> 38 <sup>m</sup> 51.92 <sup>s</sup>	+0°42' 8.8"	16.6	Brožek
	19.96319	2 38 51.10	+0 42 6.4		Brožek
568	20.95959	2 38 2.72	+0 39 34.4		Brožek
	20.97406	2 38 2.03	+0 39 32.4		Brožek
575	25.96603	2 33 51.01	+0 27 57.8	Květoň	Květoň
	25.98044	2 33 50.30	+0 27 55.8		Květoň
579	Nov. 12.87365	2 18 20.36	+0 6 26.7	Brožek	Brožek
	12.88794	2 18 19.57	+0 6 27.1		Brožek

Reference Stars Numbers

563	SAO	110689	110664	110676	110708	110709	110719
568	SAO	110689	110664	110676	110708	110709	110719
575	SAO	110628	110622	110617	130001	110664	110666
579	SAO	110501	110494	110467	129821	129834	129860

Asteroid 1979UA<sub>1</sub> (KL-66)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
563	Oct. 19.94884	2 <sup>h</sup> 46 <sup>m</sup> 11.67 <sup>s</sup>	+1°48'28.6"	17.2	Brožek
	19.96319	2 46 10.80	+1 48 21.1		
568	20.95959	2 45 23.61	+1 42 9.3		Brožek
575	25.96603	2 41 16.86	+1 11 58.7		Květoň
	25.98044	2 41 15.40	+1 11 53.0		Květoň

Reference Stars Numbers

563	SAO	110751	110776	110754	110744	110727	110738
568	SAO	110751	110759	110754	110747	110703	110731
575	SAO	110692	110719	110731	110718	110708	AGK3 -0°298

Asteroid 1979UB<sub>1</sub> (KL-67)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
563	Oct. 19.94884	2 <sup>h</sup> 44 <sup>m</sup> 2.92 <sup>s</sup>	+2°33'34.6"	17.8	Brožek
	19.96319	2 44 1.92	+2 33 36.7		
568	20.95959	2 43 2.81	+2 33 14.9		Brožek
	20.97406	2 43 1.79	+2 33 14.2		Brožek

Reference Stars Numbers

563	SAO	110751	110776	110754	110744	110727	110738
568	SAO	110751	110759	110754	110747	110703	110731

Asteroid 1979VB (KL-68)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
577	Nov. 12.78244	2 <sup>h</sup> 46 <sup>m</sup> 25.42 <sup>s</sup>	+17°19'22.9"	17.0	Vávrová
	12.79679	2 46 24.85	+17 19 25.1		

## Reference Stars Numbers

577	SAO	093143	093119	093112	093096	093116	093157
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## Asteroid 1979WA (KL-69)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
581	Nov. 25.90220 25.91644	$2^h14^m4.54^s$ 2 14 4.12	$+18^\circ14'13.5''$ $+18\ 14\ 5.2$	17.4	Mrkos Mrkos

## Reference Stars Numbers

581	SAO	092873	092869	092857
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## Asteroid 1979WD (KL-70)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
582	Nov. 25.94074 25.95498	$4^h56^m50.12^s$ 4 56 49.17	$+10^\circ23'43.2''$ $+10\ 23\ 41.3$	117	Vávrová Vávrová Mrkos Mrkos
587	Dec. 24.92123 24.94264	4 28 27.58 4 28 26.66	$+10\ 25\ 4.4$ $+10\ 25\ 8.0$		

## Reference Stars Numbers

582	SAO	094186	094195	112239	112311	094224	AGK3 +10°331
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## Asteroid 1979YC (KL-71)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
587	Dec. 24.92123 24.94264	$4^h21^m55.31^s$ 4 21 53.91	$+9^\circ16'10.1''$ $+9\ 16\ 17.2$	18.2	Mrkos Mrkos

## Reference Stars Numbers

587	SAO	111829	111818	111808	111780	111781	111794
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## Asteroid 1979WE (KL-72)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
582	Nov. 25.94074 25.95498	4 <sup>h</sup> 49 <sup>m</sup> 3.76 <sup>s</sup> 4 49 3.09	+8°49'9.9" +8 49 7.2	17.6	Vávrová Vávrová

## Reference Stars Numbers

582	SAO	094186	094195	112239	112169	112127	112162
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## Asteroid 1979WF (KL-73)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
581	Nov. 25.90220 25.91644	2 <sup>h</sup> 19 <sup>m</sup> 46.60 <sup>s</sup> 2 19 45.92	+18°7' 7.9" +18 7 10.0	17.0	Mrkos Mrkos

## Reference Stars Numbers

581	SAO	092911	092920	092908	092986	092889	092885
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## Asteroid 1979WG (KL-74)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
581	Nov. 25.90220 25.91644	2 <sup>h</sup> 23 <sup>m</sup> 3.63 <sup>s</sup> 2 23 3.28	+14°49'15.0" +14 49 13.2	17.8	Mrkos Mrkos

## Reference Stars Numbers

581	SAO	092938	092931	092924	092970	092975	092981
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## Asteroid 1979YD (KL-75)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
587	Dec. 24.92123 24.94264	4 <sup>h</sup> 29 <sup>m</sup> 18.48 <sup>s</sup> 4 29 18.09	+10°17'43.8" +10 17 42.6	17.5	Mrkos Mrkos

## Reference Stars Numbers

587	SAO	093995	093994	093980	111834	111855	111880
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## Asteroid 1979YE (KL-76)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
589	Dec. 25.06278 25.07736	7 <sup>h</sup> 4 <sup>m</sup> 20.25 <sup>s</sup> 7 4 19.54	+25°23'32.1" +25 23 32.1	17.5	Mrkos Mrkos

## Reference Stars Numbers

589	SAO	079052	079105	079192	079195	079149	AGK3 +25°812
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## Asteroid 1979YF (KL-77)

Plate No.	1979 UT	$\alpha(1950.0)$	$\delta(1950.0)$	$m_1$	Observer
589	Dec. 25.06278 25.07736	7 <sup>h</sup> 5 <sup>m</sup> 5.94 <sup>s</sup> 7 5 5.40	+25°59'29.6" +25 59 31.5	17.8	Mrkos Mrkos

## Reference Stars Numbers

598	SAO	079052	079105	079192	079195	079149	AGK3 +25°812
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