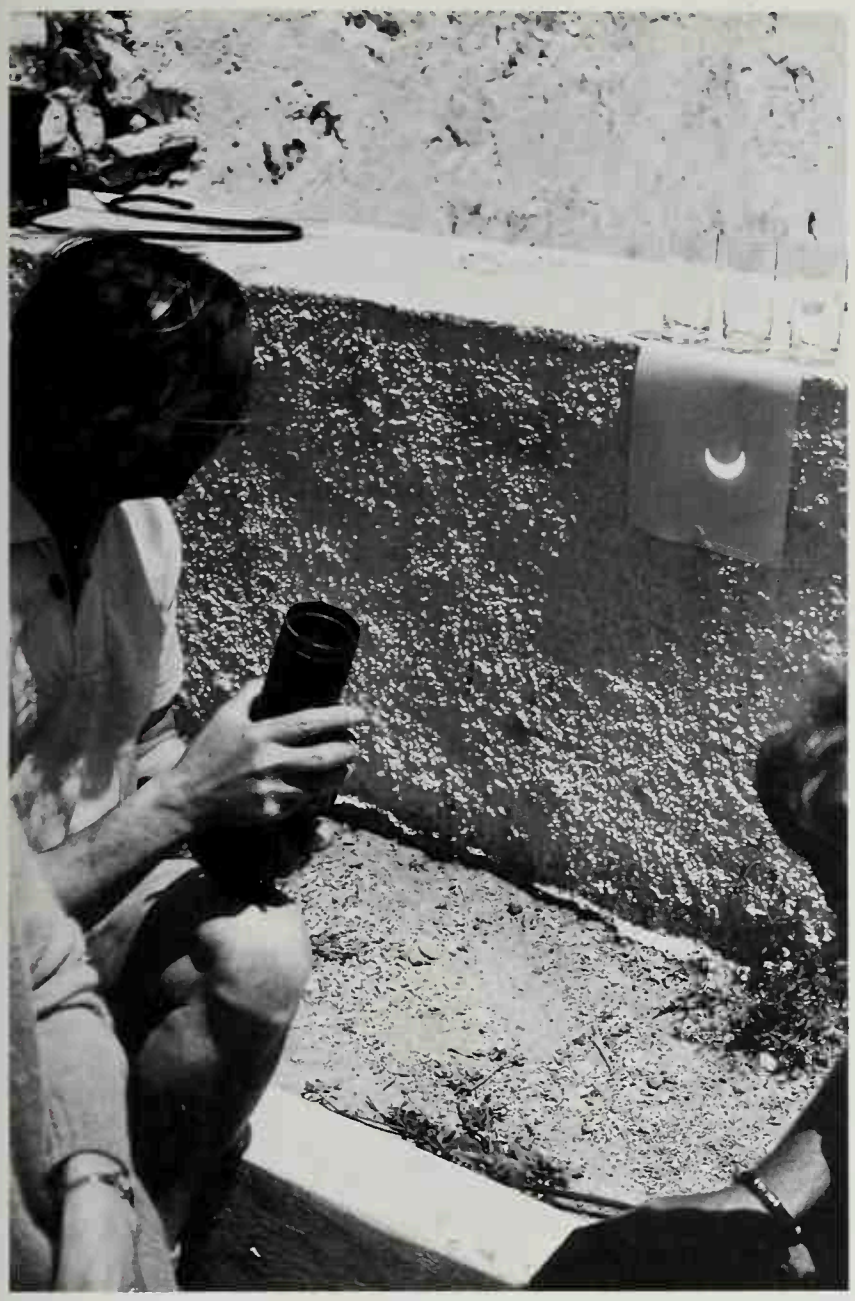

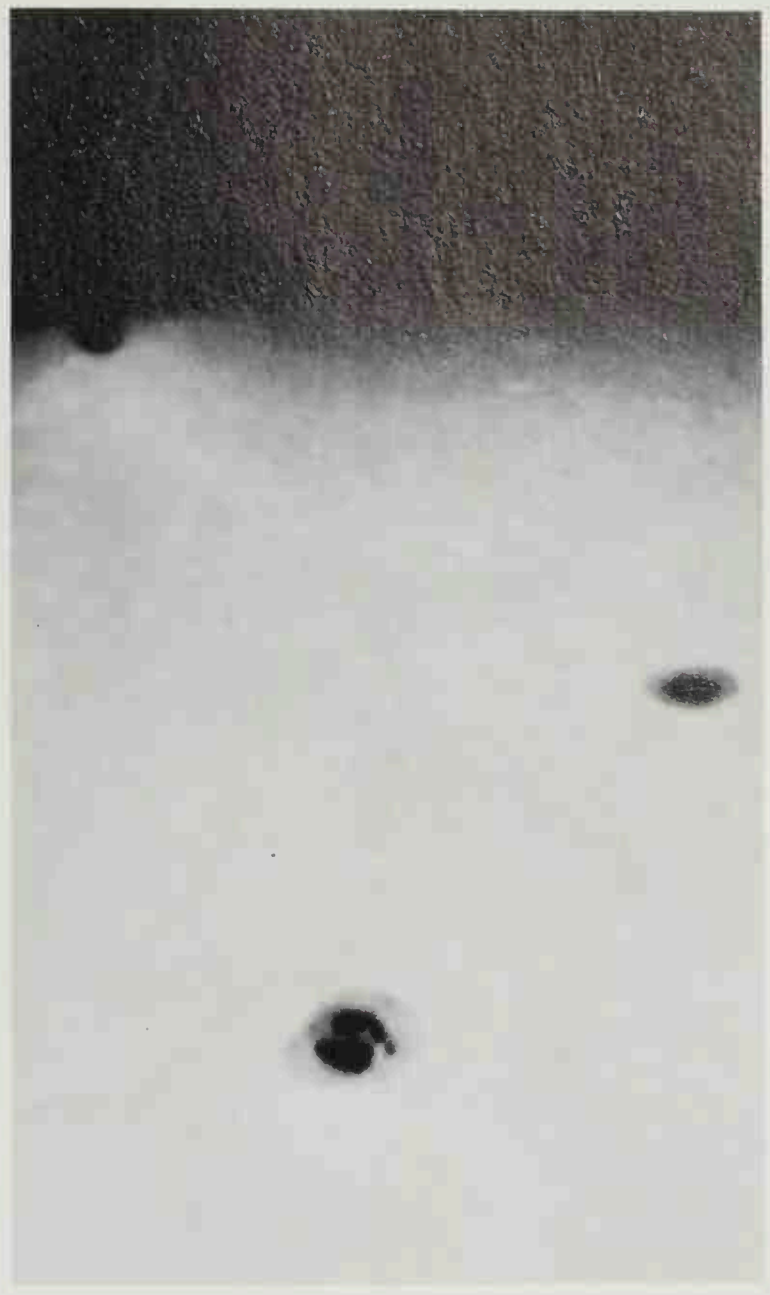

Above right:
Observing transits of Mercury or Venus requires the same methods as viewing the Sun or partial eclipses. In this photograph by J. S. Korintus, Mercury is just leaving the solar disk after the transit on 1970 May 9.

Solar Eclipses 1984–1999

Date	Type of Eclipse	Maxium Duration	Track
1984 May 30	Annular		Atlantic, Equatorial Africa, Somalia
1984 Nov. 22–23	Total	1m 59s	E. Indies, S. Pacific
1985 May 19	Partial		Arctic
1985 Nov. 12	Total	1m 55s	S. Pacific, Antarctica
1986 Apr. 9	Partial		Antarctic
1986 Oct. 3	Annular/ Total	0m 1s	N. Atlantic
1987 Mar. 29	Annular/ Total	0m 56s	Argentina, Atlantic, Congo, Indian Ocean
1987 Sept. 23	Annular		USSR, China, Pacific
1988 Mar. 11	Total	3m 46s	Indian Ocean, E. Indies, Pacific
1988 Sept. 11	Annular		Indian Ocean, S. of Australia, Antarctic
1989 Mar. 7	Partial		Arctic
1989 Aug. 31	Partial		Antarctic
1990 Jan. 26	Annular		Antarctica
1990 July 22	Total	2m 33s	Finland, USSR, Pacific
1991 Jan. 15–16	Annular		Australia, New Zealand, Pacific
1991 July 11	Total	6m 54s	Pacific, Central America, Brazil
1992 Jan. 4–5	Annular		Central Pacific
1992 Dec. 24	Partial		Arctic
1993 May 21	Partial		Arctic
1994 May 10	Annular		Pacific, Mexico, USA, Canada, Atlantic
1994 Nov. 3	Total	4m 23s	Peru, Brazil, S. Atlantic
1995 Apr. 29	Annular		S. Pacific, Peru, Brazil, S. Atlantic
1995 Oct. 24	Total	2m 5s	Iran, India, E. Indies, Pacific
1996 Apr. 17	Partial		Antarctic
1996 Oct. 12	Partial		Arctic
1997 Mar. 9	Total	2m 50s	USSR, Arctic
1997 Sept. 2	Partial		Antarctic
1998 Feb. 26	Total	3m 56s	Pacific, S. of Panama, Atlantic
1998 Aug. 22	Annular		Indian Ocean, E. Indies, Pacific
1999 Feb. 16	Annular		Indian Ocean, Australia, Pacific
1999 Aug. 11	Total	2m 23s	Atlantic, England, France, Central Europe, Turkey, India