

Total Lunar Eclipse : January 9th 2001

Photograph exposure schedule

This schedule comprises 17 events.

Remember to bracket each exposure by +/- 1 stop; so I need 51 frames.

Time / GMT	Eclipse phase	100 ASA/f5 Prime focus	200 ASA/f5 Prime focus	100 ASA/f8 OM10	200 ASA/f8 OM10
	Full moon, pre-eclipse	1/500	1/1000	1/250	1/500
	1 st Penumbral contact	1/500	1/1000	1/250	1/500
	Mid-Penumbral	1/500	1/1000	1/250	1/500
18.42	1 st Umbral contact	1/250	1/500	1/125	1/250
	Umbra ½ way across	1/125	1/250	1/60	1/125
	Umbra ¾ way across	1/30	1/60	1/15	1/30
	Last sliver of Moon	1/15	1/30	1/8	1/15
19.50	Start of totality	5	2	10	5
20.19	Mid-totality	10 to 30	5 to 15	20 to 60	10 to 30
20.52	End of totality	5	2	10	5
	First sliver of Moon	1/15	1/30	1/8	1/15
	Umbra ¾ way back	1/30	1/60	1/15	1/30
	Umbra ½ way across	1/125	1/250	1/60	1/125
21.59	Last Umbral contact	1/250	1/500	1/125	1/250
	Mid-Penumbral	1/500	1/1000	1/250	1/500
	Last Penumbral contact	1/500	1/1000	1/250	1/500
	Ful moon, post eclipse	1/500	1/1000	1/250	1/500