

Ephemeris of (22) - Kalliope



Date	Civ Twi E	Civ Twi B	Top R.A.	Top Dec	Rise	Transit	Set	Mag
01 set 2020	20:11:40	06:01:25	23h 57m 35.5s	-22° 53' 15"	21:50:48	02:23:15	06:51:19	10.7
02 set 2020	20:09:50	06:02:37	23h 56m 50.6s	-22° 59' 01"	21:46:34	02:18:34	06:46:11	10.7
03 set 2020	20:08:00	06:03:48	23h 56m 04.8s	-23° 04' 43"	21:42:19	02:13:53	06:41:02	10.7
04 set 2020	20:06:09	06:04:59	23h 55m 18.3s	-23° 10' 18"	21:38:03	02:09:11	06:35:53	10.7
05 set 2020	20:04:18	06:06:10	23h 54m 30.9s	-23° 15' 45"	21:33:45	02:04:28	06:30:43	10.6
06 set 2020	20:02:27	06:07:20	23h 53m 42.8s	-23° 21' 03"	21:29:26	01:59:44	06:25:34	10.6
07 set 2020	20:00:35	06:08:31	23h 52m 54.0s	-23° 26' 13"	21:25:06	01:55:00	06:20:24	10.6
08 set 2020	19:58:44	06:09:41	23h 52m 04.5s	-23° 31' 13"	21:20:44	01:50:15	06:15:15	10.6
09 set 2020	19:56:52	06:10:52	23h 51m 14.5s	-23° 36' 03"	21:16:21	01:45:29	06:10:06	10.6
10 set 2020	19:55:00	06:12:02	23h 50m 23.9s	-23° 40' 44"	21:11:57	01:40:43	06:04:57	10.6
11 set 2020	19:53:08	06:13:12	23h 49m 32.9s	-23° 45' 14"	21:07:32	01:35:57	05:59:48	10.6
12 set 2020	19:51:15	06:14:22	23h 48m 41.5s	-23° 49' 33"	21:03:05	01:31:10	05:54:40	10.6
13 set 2020	19:49:23	06:15:32	23h 47m 49.6s	-23° 53' 41"	20:58:37	01:26:22	05:49:32	10.6
14 set 2020	19:47:31	06:16:42	23h 46m 57.5s	-23° 57' 37"	20:54:08	01:21:35	05:44:25	10.6
15 set 2020	19:45:39	06:17:51	23h 46m 05.2s	-24° 01' 21"	20:49:37	01:16:47	05:39:19	10.6
16 set 2020	19:43:47	06:19:01	23h 45m 12.6s	-24° 04' 53"	20:45:06	01:11:59	05:34:14	10.6
17 set 2020	19:41:55	06:20:11	23h 44m 20.0s	-24° 08' 12"	20:40:33	01:07:11	05:29:09	10.6
18 set 2020	19:40:03	06:21:20	23h 43m 27.3s	-24° 11' 18"	20:36:00	01:02:22	05:24:06	10.6
19 set 2020	19:38:11	06:22:30	23h 42m 34.6s	-24° 14' 11"	20:31:25	00:57:34	05:19:03	10.6
20 set 2020	19:36:19	06:23:39	23h 41m 42.0s	-24° 16' 50"	20:26:50	00:52:46	05:14:02	10.7
21 set 2020	19:34:28	06:24:48	23h 40m 49.6s	-24° 19' 16"	20:22:13	00:47:58	05:09:02	10.7
22 set 2020	19:32:37	06:25:58	23h 39m 57.4s	-24° 21' 28"	20:17:36	00:43:10	05:04:04	10.7
23 set 2020	19:30:45	06:27:07	23h 39m 05.4s	-24° 23' 25"	20:12:57	00:38:23	04:59:07	10.7
24 set 2020	19:28:55	06:28:16	23h 38m 13.8s	-24° 25' 09"	20:08:18	00:33:36	04:54:11	10.7
25 set 2020	19:27:04	06:29:25	23h 37m 22.6s	-24° 26' 37"	20:03:38	00:28:49	04:49:17	10.7
26 set 2020	19:25:14	06:30:35	23h 36m 31.9s	-24° 27' 52"	19:58:58	00:24:03	04:44:25	10.7
27 set 2020	19:23:24	06:31:44	23h 35m 41.7s	-24° 28' 51"	19:54:16	00:19:17	04:39:34	10.7
28 set 2020	19:21:35	06:32:53	23h 34m 52.0s	-24° 29' 37"	19:49:34	00:14:31	04:34:45	10.7
29 set 2020	19:19:46	06:34:02	23h 34m 02.9s	-24° 30' 07"	19:44:52	00:09:47	04:29:58	10.8
30 set 2020	19:17:58	06:35:12	23h 33m 14.6s	-24° 30' 23"	19:40:09	00:05:03	04:25:13	10.8
01 ott 2020	19:16:10	06:36:21	23h 32m 26.9s	-24° 30' 24"	19:35:25	23:55:37	04:20:30	10.8