

Tjornes Watec All-Sky Images 20221209–20221210

18:00:00 UT N	TJO	18:01:00 UT N	TJO	18:02:00 UT N	TJO	18:03:00 UT N	TJO	18:04:00 UT N	TJO	18:05:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:06:00 UT N	TJO	18:07:00 UT N	TJO	18:08:00 UT N	TJO	18:09:00 UT N	TJO	18:10:00 UT N	TJO	18:11:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:12:00 UT N	TJO	18:13:00 UT N	TJO	18:14:00 UT N	TJO	18:15:00 UT N	TJO	18:16:00 UT N	TJO	18:17:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:18:01 UT N	TJO	18:19:01 UT N	TJO	18:20:01 UT N	TJO	18:21:01 UT N	TJO	18:22:01 UT N	TJO	18:23:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:24:01 UT N	TJO	18:25:01 UT N	TJO	18:26:01 UT N	TJO	18:27:01 UT N	TJO	18:28:01 UT N	TJO	18:29:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:30:01 UT N	TJO	18:31:01 UT N	TJO	18:32:01 UT N	TJO	18:33:01 UT N	TJO	18:34:01 UT N	TJO	18:35:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S

Tjornes Watec All-Sky Images 20221209–20221210

23:24:10 UT N	TJO	23:25:10 UT N	TJO	23:26:10 UT N	TJO	23:27:10 UT N	TJO	23:28:10 UT N	TJO	23:29:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:30:10 UT N	TJO	23:31:10 UT N	TJO	23:32:10 UT N	TJO	23:33:10 UT N	TJO	23:34:10 UT N	TJO	23:35:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:36:10 UT N	TJO	23:37:10 UT N	TJO	23:38:10 UT N	TJO	23:39:10 UT N	TJO	23:40:10 UT N	TJO	23:41:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:42:11 UT N	TJO	23:43:11 UT N	TJO	23:44:11 UT N	TJO	23:45:11 UT N	TJO	23:46:11 UT N	TJO	23:47:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:48:11 UT N	TJO	23:49:11 UT N	TJO	23:50:11 UT N	TJO	23:51:11 UT N	TJO	23:52:11 UT N	TJO	23:53:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:54:11 UT N	TJO	23:55:11 UT N	TJO	23:56:11 UT N	TJO	23:57:11 UT N	TJO	23:58:11 UT N	TJO	23:59:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S

Tjornes Watec All-Sky Images 20221209–20221210

00:00:11 UT N	TJO	00:01:11 UT N	TJO	00:02:11 UT N	TJO	00:03:11 UT N	TJO	00:04:11 UT N	TJO	00:05:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:06:11 UT S N	TJO	00:07:11 UT S N	TJO	00:08:11 UT S N	TJO	00:09:11 UT S N	TJO	00:10:11 UT S N	TJO	00:11:11 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:12:11 UT S N	TJO	00:13:11 UT S N	TJO	00:14:11 UT S N	TJO	00:15:11 UT S N	TJO	00:16:11 UT S N	TJO	00:17:11 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:18:12 UT S N	TJO	00:19:12 UT S N	TJO	00:20:12 UT S N	TJO	00:21:12 UT S N	TJO	00:22:12 UT S N	TJO	00:23:12 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:24:12 UT S N	TJO	00:25:12 UT S N	TJO	00:26:12 UT S N	TJO	00:27:12 UT S N	TJO	00:28:12 UT S N	TJO	00:29:12 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:30:12 UT S N	TJO	00:31:12 UT S N	TJO	00:32:12 UT S N	TJO	00:33:12 UT S N	TJO	00:34:12 UT S N	TJO	00:35:12 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S

Tjornes Watec All-Sky Images 20221209–20221210

00:36:12 UT N	TJO	00:37:12 UT N	TJO	00:38:12 UT N	TJO	00:39:12 UT N	TJO	00:40:12 UT N	TJO	00:41:12 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
00:42:12 UT N	TJO	00:43:12 UT N	TJO	00:44:12 UT N	TJO	00:45:12 UT N	TJO	00:46:12 UT N	TJO	00:47:12 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
00:48:12 UT N	TJO	00:49:12 UT N	TJO	00:50:13 UT N	TJO	00:51:13 UT N	TJO	00:52:13 UT N	TJO	00:53:13 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
00:54:13 UT N	TJO	00:55:13 UT N	TJO	00:56:13 UT N	TJO	00:57:13 UT N	TJO	00:58:13 UT N	TJO	00:59:13 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
01:00:13 UT N	TJO	01:01:13 UT N	TJO	01:02:13 UT N	TJO	01:03:13 UT N	TJO	01:04:13 UT N	TJO	01:05:13 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
01:06:13 UT N	TJO	01:07:13 UT N	TJO	01:08:13 UT N	TJO	01:09:13 UT N	TJO	01:10:13 UT N	TJO	01:11:13 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	

Tjornes Watec All-Sky Images 20221209–20221210

05:24:21 UT N	TJO	05:25:21 UT N	TJO	05:26:21 UT N	TJO	05:27:21 UT N	TJO	05:28:21 UT N	TJO	05:29:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
05:30:21 UT N	TJO	05:31:21 UT N	TJO	05:32:21 UT N	TJO	05:33:21 UT N	TJO	05:34:21 UT N	TJO	05:35:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
05:36:21 UT N	TJO	05:37:21 UT N	TJO	05:38:21 UT N	TJO	05:39:21 UT N	TJO	05:40:21 UT N	TJO	05:41:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
05:42:21 UT N	TJO	05:43:22 UT N	TJO	05:44:22 UT N	TJO	05:45:22 UT N	TJO	05:46:22 UT N	TJO	05:47:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
05:48:22 UT N	TJO	05:49:22 UT N	TJO	05:50:22 UT N	TJO	05:51:22 UT N	TJO	05:52:22 UT N	TJO	05:53:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
05:54:22 UT N	TJO	05:55:22 UT N	TJO	05:56:22 UT N	TJO	05:57:22 UT N	TJO	05:58:22 UT N	TJO	05:59:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S

Tjornes Watec All-Sky Images 20221209–20221210

06:36:23 UT N	TJO	06:37:23 UT N	TJO	06:38:23 UT N	TJO	06:39:23 UT N	TJO	06:40:23 UT N	TJO	06:41:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:42:23 UT N	TJO	06:43:23 UT N	TJO	06:44:23 UT N	TJO	06:45:23 UT N	TJO	06:46:23 UT N	TJO	06:47:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:48:23 UT N	TJO	06:49:24 UT N	TJO	06:50:24 UT N	TJO	06:51:24 UT N	TJO	06:52:24 UT N	TJO	06:53:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:54:24 UT N	TJO	06:55:24 UT N	TJO	06:56:24 UT N	TJO	06:57:24 UT N	TJO	06:58:24 UT N	TJO	06:59:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:00:24 UT N	TJO	07:01:24 UT N	TJO	07:02:24 UT N	TJO	07:03:24 UT N	TJO	07:04:24 UT N	TJO	07:05:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:06:24 UT N	TJO	07:07:24 UT N	TJO	07:08:24 UT N	TJO	07:09:24 UT N	TJO	07:10:24 UT N	TJO	07:11:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S

Tjornes Watec All-Sky Images 20221209–20221210

07:12:24 UT N	TJO	07:13:24 UT N	TJO	07:14:24 UT N	TJO	07:15:24 UT N	TJO	07:16:24 UT N	TJO	07:17:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
07:18:24 UT S N	TJO	07:19:24 UT S N	TJO	07:20:25 UT S N	TJO	07:21:25 UT S N	TJO	07:22:25 UT S N	TJO	07:23:25 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
07:24:25 UT S N	TJO	07:25:25 UT S N	TJO	07:26:25 UT S N	TJO	07:27:25 UT S N	TJO	07:28:25 UT S N	TJO	07:29:25 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
07:30:25 UT S N	TJO	07:31:25 UT S N	TJO	07:32:25 UT S N	TJO	07:33:25 UT S N	TJO	07:34:25 UT S N	TJO	07:35:25 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
07:36:25 UT S N	TJO	07:37:25 UT S N	TJO	07:38:25 UT S N	TJO	07:39:25 UT S N	TJO	07:40:25 UT S N	TJO	07:41:25 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
07:42:25 UT S N	TJO	07:43:25 UT S N	TJO	07:44:25 UT S N	TJO	07:45:25 UT S N	TJO	07:46:25 UT S N	TJO	07:47:25 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S

