

Tjornes Watec All-Sky Images 20221107–20221108

18:21:57 UT N	TJO	18:22:57 UT N	TJO	18:23:57 UT N	TJO	18:24:57 UT N	TJO	18:25:57 UT N	TJO	18:26:57 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:27:57 UT N	TJO	18:28:57 UT N	TJO	18:29:57 UT N	TJO	18:30:57 UT N	TJO	18:31:57 UT N	TJO	18:32:57 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:33:57 UT N	TJO	18:34:57 UT N	TJO	18:35:57 UT N	TJO	18:36:57 UT N	TJO	18:37:57 UT N	TJO	18:38:57 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:39:57 UT N	TJO	18:40:57 UT N	TJO	18:41:57 UT N	TJO	18:42:57 UT N	TJO	18:43:57 UT N	TJO	18:44:57 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:45:58 UT N	TJO	18:46:58 UT N	TJO	18:47:58 UT N	TJO	18:48:58 UT N	TJO	18:49:58 UT N	TJO	18:50:58 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:51:58 UT N	TJO	18:52:58 UT N	TJO	18:53:58 UT N	TJO	18:54:58 UT N	TJO	18:55:58 UT N	TJO	18:56:58 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 20221107–20221108

18:57:58 UT N	TJO	18:58:58 UT N	TJO	18:59:58 UT N	TJO	19:00:58 UT N	TJO	19:01:58 UT N	TJO	19:02:58 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
19:03:58 UT N	TJO	19:04:58 UT N	TJO	19:05:58 UT N	TJO	19:06:58 UT N	TJO	19:07:58 UT N	TJO	19:08:58 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
19:09:58 UT N	TJO	19:10:58 UT N	TJO	19:11:58 UT N	TJO	19:12:58 UT N	TJO	19:13:58 UT N	TJO	19:14:58 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
19:15:58 UT N	TJO	19:16:58 UT N	TJO	19:17:58 UT N	TJO	19:18:58 UT N	TJO	19:19:58 UT N	TJO	19:20:58 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
19:21:58 UT N	TJO	19:22:59 UT N	TJO	19:23:59 UT N	TJO	19:24:59 UT N	TJO	19:25:59 UT N	TJO	19:26:59 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
19:27:59 UT N	TJO	19:28:59 UT N	TJO	19:29:59 UT N	TJO	19:30:59 UT N	TJO	19:31:59 UT N	TJO	19:32:59 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 20221107–20221108

20:10:00 UT N	TJO	20:11:00 UT N	TJO	20:12:00 UT N	TJO	20:13:00 UT N	TJO	20:14:00 UT N	TJO	20:15:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:16:00 UT N	TJO	20:17:00 UT N	TJO	20:18:00 UT N	TJO	20:19:00 UT N	TJO	20:20:00 UT N	TJO	20:21:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:22:00 UT N	TJO	20:23:00 UT N	TJO	20:24:00 UT N	TJO	20:25:00 UT N	TJO	20:26:00 UT N	TJO	20:27:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:28:00 UT N	TJO	20:29:01 UT N	TJO	20:30:01 UT N	TJO	20:31:01 UT N	TJO	20:32:01 UT N	TJO	20:33:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:34:01 UT N	TJO	20:35:01 UT N	TJO	20:36:01 UT N	TJO	20:37:01 UT N	TJO	20:38:01 UT N	TJO	20:39:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:40:01 UT N	TJO	20:41:01 UT N	TJO	20:42:01 UT N	TJO	20:43:01 UT N	TJO	20:44:01 UT N	TJO	20:45:01 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 20221107–20221108

21:58:03 UT N	TJO	21:59:03 UT N	TJO	22:00:03 UT N	TJO	22:01:03 UT N	TJO	22:02:03 UT N	TJO	22:03:03 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:04:03 UT N	TJO	22:05:03 UT N	TJO	22:06:03 UT N	TJO	22:07:03 UT N	TJO	22:08:03 UT N	TJO	22:09:03 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:10:04 UT N	TJO	22:11:04 UT N	TJO	22:12:04 UT N	TJO	22:13:04 UT N	TJO	22:14:04 UT N	TJO	22:15:04 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:16:04 UT N	TJO	22:17:04 UT N	TJO	22:18:04 UT N	TJO	22:19:04 UT N	TJO	22:20:04 UT N	TJO	22:21:04 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:22:04 UT N	TJO	22:23:04 UT N	TJO	22:24:04 UT N	TJO	22:25:04 UT N	TJO	22:26:04 UT N	TJO	22:27:04 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:28:04 UT N	TJO	22:29:04 UT N	TJO	22:30:04 UT N	TJO	22:31:04 UT N	TJO	22:32:04 UT N	TJO	22:33:04 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 20221107–20221108

00:22:08 UT N	TJO	00:23:08 UT N	TJO	00:24:08 UT N	TJO	00:25:08 UT N	TJO	00:26:08 UT N	TJO	00:27:08 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:28:08 UT N	TJO	00:29:08 UT N	TJO	00:30:08 UT N	TJO	00:31:08 UT N	TJO	00:32:08 UT N	TJO	00:33:08 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:34:08 UT N	TJO	00:35:08 UT N	TJO	00:36:08 UT N	TJO	00:37:08 UT N	TJO	00:38:08 UT N	TJO	00:39:08 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:40:08 UT N	TJO	00:41:08 UT N	TJO	00:42:08 UT N	TJO	00:43:08 UT N	TJO	00:44:08 UT N	TJO	00:45:08 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:46:08 UT N	TJO	00:47:08 UT N	TJO	00:48:08 UT N	TJO	00:49:08 UT N	TJO	00:50:09 UT N	TJO	00:51:09 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:52:09 UT N	TJO	00:53:09 UT N	TJO	00:54:09 UT N	TJO	00:55:09 UT N	TJO	00:56:09 UT N	TJO	00:57:09 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 20221107–20221108

00:58:09 UT N	TJO	00:59:09 UT N	TJO	01:00:09 UT N	TJO	01:01:09 UT N	TJO	01:02:09 UT N	TJO	01:03:09 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
01:04:09 UT N	TJO	01:05:09 UT N	TJO	01:06:09 UT N	TJO	01:07:09 UT N	TJO	01:08:09 UT N	TJO	01:09:09 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
01:10:09 UT N	TJO	01:11:09 UT N	TJO	01:12:09 UT N	TJO	01:13:09 UT N	TJO	01:14:09 UT N	TJO	01:15:09 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
01:16:09 UT N	TJO	01:17:09 UT N	TJO	01:18:09 UT N	TJO	01:19:09 UT N	TJO	01:20:09 UT N	TJO	01:21:09 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
01:22:09 UT N	TJO	01:23:09 UT N	TJO	01:24:09 UT N	TJO	01:25:10 UT N	TJO	01:26:10 UT N	TJO	01:27:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
01:28:10 UT N	TJO	01:29:10 UT N	TJO	01:30:10 UT N	TJO	01:31:10 UT N	TJO	01:32:10 UT N	TJO	01:33:10 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 20221107–20221108

02:10:11 UT N	TJO	02:11:11 UT N	TJO	02:12:11 UT N	TJO	02:13:11 UT N	TJO	02:14:11 UT N	TJO	02:15:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
02:16:11 UT N	TJO	02:17:11 UT N	TJO	02:18:11 UT N	TJO	02:19:11 UT N	TJO	02:20:11 UT N	TJO	02:21:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
02:22:11 UT N	TJO	02:23:11 UT N	TJO	02:24:11 UT N	TJO	02:25:11 UT N	TJO	02:26:11 UT N	TJO	02:27:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
02:28:11 UT N	TJO	02:29:11 UT N	TJO	02:30:11 UT N	TJO	02:31:11 UT N	TJO	02:32:11 UT N	TJO	02:33:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
02:34:11 UT N	TJO	02:35:11 UT N	TJO	02:36:11 UT N	TJO	02:37:12 UT N	TJO	02:38:12 UT N	TJO	02:39:12 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
02:40:12 UT N	TJO	02:41:12 UT N	TJO	02:42:12 UT N	TJO	02:43:12 UT N	TJO	02:44:12 UT N	TJO	02:45:12 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 20221107–20221108

03:58:14 UT N	TJO	03:59:14 UT N	TJO	04:00:14 UT N	TJO	04:01:14 UT N	TJO	04:02:14 UT N	TJO	04:03:14 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
04:04:14 UT N	TJO	04:05:14 UT N	TJO	04:06:14 UT N	TJO	04:07:14 UT N	TJO	04:08:14 UT N	TJO	04:09:14 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
04:10:14 UT N	TJO	04:11:14 UT N	TJO	04:12:14 UT N	TJO	04:13:14 UT N	TJO	04:14:14 UT N	TJO	04:15:14 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
04:16:14 UT N	TJO	04:17:15 UT N	TJO	04:18:15 UT N	TJO	04:19:15 UT N	TJO	04:20:15 UT N	TJO	04:21:15 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
04:22:15 UT N	TJO	04:23:15 UT N	TJO	04:24:15 UT N	TJO	04:25:15 UT N	TJO	04:26:15 UT N	TJO	04:27:15 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
04:28:15 UT N	TJO	04:29:15 UT N	TJO	04:30:15 UT N	TJO	04:31:15 UT N	TJO	04:32:15 UT N	TJO	04:33:15 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 20221107–20221108

06:58:19 UT N	TJO	06:59:19 UT N	TJO	07:00:19 UT N	TJO	07:01:19 UT N	TJO	07:02:19 UT N	TJO	07:03:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:04:19 UT N	TJO	07:05:19 UT N	TJO	07:06:19 UT N	TJO	07:07:19 UT N	TJO	07:08:19 UT N	TJO	07:09:20 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:10:20 UT N	TJO	07:11:20 UT N	TJO	07:12:20 UT N	TJO	07:13:20 UT N	TJO	07:14:20 UT N	TJO	07:15:20 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:16:20 UT N	TJO	07:17:20 UT N	TJO	07:18:20 UT N	TJO	07:19:20 UT N	TJO	07:20:20 UT N	TJO	07:21:20 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:22:20 UT N	TJO	07:23:20 UT N	TJO	07:24:20 UT N	TJO			S		S		S
E	o	WE	o	WE	o	W						
S		S		S								