

Tjornes Watec All-Sky Images 20221213–20221214

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
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
18:12:00 UT N	TJO	18:13:00 UT N	TJO	18:14:00 UT N	TJO	18:15:00 UT N	TJO	18:16:01 UT N	TJO	18:17:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
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
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
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 20221213–20221214

23:24:09 UT N	TJO	23:25:09 UT N	TJO	23:26:09 UT N	TJO	23:27:09 UT N	TJO	23:28:09 UT N	TJO	23:29:09 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:30:09 UT N	TJO	23:31:09 UT N	TJO	23:32:09 UT N	TJO	23:33:09 UT N	TJO	23:34:09 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	23:41:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:42:10 UT N	TJO	23:43:10 UT N	TJO	23:44:10 UT N	TJO	23:45:10 UT N	TJO	23:46:10 UT N	TJO	23:47:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:48:10 UT N	TJO	23:49:10 UT N	TJO	23:50:10 UT N	TJO	23:51:10 UT N	TJO	23:52:10 UT N	TJO	23:53:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:54:10 UT N	TJO	23:55:10 UT N	TJO	23:56:10 UT N	TJO	23:57:10 UT N	TJO	23:58:10 UT N	TJO	23:59:10 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 20221213–20221214

00:36:11 UT N	TJO	00:37:11 UT N	TJO	00:38:11 UT N	TJO	00:39:11 UT N	TJO	00:40:11 UT N	TJO	00:41:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:42:11 UT N	TJO	00:43:11 UT N	TJO	00:44:11 UT N	TJO	00:45:11 UT N	TJO	00:46:11 UT N	TJO	00:47:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:48:11 UT N	TJO	00:49:11 UT N	TJO	00:50:11 UT N	TJO	00:51:12 UT N	TJO	00:52:12 UT N	TJO	00:53:12 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:54:12 UT N	TJO	00:55:12 UT N	TJO	00:56:12 UT N	TJO	00:57:12 UT N	TJO	00:58:12 UT N	TJO	00:59:12 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
01:00:12 UT N	TJO	01:01:12 UT N	TJO	01:02:12 UT N	TJO	01:03:12 UT N	TJO	01:04:12 UT N	TJO	01:05:12 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
01:06:12 UT N	TJO	01:07:12 UT N	TJO	01:08:12 UT N	TJO	01:09:12 UT N	TJO	01:10:12 UT N	TJO	01:11:12 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 20221213–20221214

03:36:17 UT N	TJO	03:37:17 UT N	TJO	03:38:17 UT N	TJO	03:39:17 UT N	TJO	03:40:17 UT N	TJO	03:41:17 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
03:42:17 UT N	TJO	03:43:17 UT N	TJO	03:44:17 UT N	TJO	03:45:17 UT N	TJO	03:46:17 UT N	TJO	03:47:17 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
03:48:17 UT N	TJO	03:49:17 UT N	TJO	03:50:17 UT N	TJO	03:51:17 UT N	TJO	03:52:17 UT N	TJO	03:53:17 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
03:54:17 UT N	TJO	03:55:17 UT N	TJO	03:56:17 UT N	TJO	03:57:17 UT N	TJO	03:58:17 UT N	TJO	03:59:17 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:00:17 UT N	TJO	04:01:17 UT N	TJO	04:02:17 UT N	TJO	04:03:18 UT N	TJO	04:04:18 UT N	TJO	04:05:18 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:06:18 UT N	TJO	04:07:18 UT N	TJO	04:08:18 UT N	TJO	04:09:18 UT N	TJO	04:10:18 UT N	TJO	04:11:18 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 20221213–20221214

04:12:18 UT N	TJO	04:13:18 UT N	TJO	04:14:18 UT N	TJO	04:15:18 UT N	TJO	04:16:18 UT N	TJO	04:17:18 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
04:18:18 UT N	TJO	04:19:18 UT N	TJO	04:20:18 UT N	TJO	04:21:18 UT N	TJO	04:22:18 UT N	TJO	04:23:18 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
04:24:18 UT N	TJO	04:25:18 UT N	TJO	04:26:18 UT N	TJO	04:27:18 UT N	TJO	04:28:18 UT N	TJO	04:29:18 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
04:30:18 UT N	TJO	04:31:18 UT N	TJO	04:32:18 UT N	TJO	04:33:18 UT N	TJO	04:34:18 UT N	TJO	04:35:18 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
04:36:18 UT N	TJO	04:37:19 UT N	TJO	04:38:19 UT N	TJO	04:39:19 UT N	TJO	04:40:19 UT N	TJO	04:41:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
04:42:19 UT N	TJO	04:43:19 UT N	TJO	04:44:19 UT N	TJO	04:45:19 UT N	TJO	04:46:19 UT N	TJO	04:47:19 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 20221213–20221214

05:24:20 UT N	TJO	05:25:20 UT N	TJO	05:26:20 UT N	TJO	05:27:20 UT N	TJO	05:28:20 UT N	TJO	05:29:20 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:30:20 UT N	TJO	05:31:20 UT N	TJO	05:32:20 UT N	TJO	05:33:20 UT N	TJO	05:34:20 UT N	TJO	05:35:20 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:36:20 UT N	TJO	05:37:20 UT N	TJO	05:38:20 UT N	TJO	05:39:20 UT N	TJO	05:40:20 UT N	TJO	05:41:20 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:42:20 UT N	TJO	05:43:20 UT N	TJO	05:44:21 UT N	TJO	05:45:21 UT N	TJO	05:46:21 UT N	TJO	05:47:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:48:21 UT N	TJO	05:49:21 UT N	TJO	05:50:21 UT N	TJO	05:51:21 UT N	TJO	05:52:21 UT N	TJO	05:53:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:54:21 UT N	TJO	05:55:21 UT N	TJO	05:56:21 UT N	TJO	05:57:21 UT N	TJO	05:58:21 UT N	TJO	05:59:21 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 20221213–20221214

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

