

Tjornes Watec All-Sky Images 20221206–20221207

19:12:02 UT N	TJO	19:13:02 UT N	TJO	19:14:02 UT N	TJO	19:15:02 UT N	TJO	19:16:02 UT N	TJO	19:17:02 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:18:02 UT N	TJO	19:19:02 UT N	TJO	19:20:02 UT N	TJO	19:21:02 UT N	TJO	19:22:02 UT N	TJO	19:23:03 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:24:03 UT N	TJO	19:25:03 UT N	TJO	19:26:03 UT N	TJO	19:27:03 UT N	TJO	19:28:03 UT N	TJO	19:29:03 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:30:03 UT N	TJO	19:31:03 UT N	TJO	19:32:03 UT N	TJO	19:33:03 UT N	TJO	19:34:03 UT N	TJO	19:35:03 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:36:03 UT N	TJO	19:37:03 UT N	TJO	19:38:03 UT N	TJO	19:39:03 UT N	TJO	19:40:03 UT N	TJO	19:41:03 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:42:03 UT N	TJO	19:43:03 UT N	TJO	19:44:03 UT N	TJO	19:45:03 UT N	TJO	19:46:03 UT N	TJO	19:47:03 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 20221206–20221207

22:12:07 UT N	TJO	22:13:07 UT N	TJO	22:14:07 UT N	TJO	22:15:07 UT N	TJO	22:16:07 UT N	TJO	22:17:07 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
22:18:07 UT S N	TJO	22:19:07 UT S N	TJO	22:20:07 UT S N	TJO	22:21:07 UT S N	TJO	22:22:07 UT S N	TJO	22:23:07 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
22:24:07 UT S N	TJO	22:25:07 UT S N	TJO	22:26:07 UT S N	TJO	22:27:07 UT S N	TJO	22:28:08 UT S N	TJO	22:29:08 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
22:30:08 UT S N	TJO	22:31:08 UT S N	TJO	22:32:08 UT S N	TJO	22:33:08 UT S N	TJO	22:34:08 UT S N	TJO	22:35:08 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
22:36:08 UT S N	TJO	22:37:08 UT S N	TJO	22:38:08 UT S N	TJO	22:39:08 UT S N	TJO	22:40:08 UT S N	TJO	22:41:08 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
22:42:08 UT S N	TJO	22:43:08 UT S N	TJO	22:44:08 UT S N	TJO	22:45:08 UT S N	TJO	22:46:08 UT S N	TJO	22:47:08 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 20221206–20221207

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	23:35:09 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:36:09 UT N	TJO	23:37:09 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 20221206–20221207

00:00:10 UT N	TJO	00:01:10 UT N	TJO	00:02:10 UT N	TJO	00:03:10 UT N	TJO	00:04:10 UT N	TJO	00:05:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:06:10 UT S N	TJO	00:07:10 UT S N	TJO	00:08:10 UT S N	TJO	00:09:10 UT S N	TJO	00:10:10 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
00:18:11 UT S N	TJO	00:19:11 UT S N	TJO	00:20:11 UT S N	TJO	00:21:11 UT S N	TJO	00:22:11 UT S N	TJO	00:23:11 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:24:11 UT S N	TJO	00:25:11 UT S N	TJO	00:26:11 UT S N	TJO	00:27:11 UT S N	TJO	00:28:11 UT S N	TJO	00:29:11 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:30:11 UT S N	TJO	00:31:11 UT S N	TJO	00:32:11 UT S N	TJO	00:33:11 UT S N	TJO	00:34:11 UT S N	TJO	00:35:11 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 20221206–20221207

02:24:14 UT N	TJO	02:25:14 UT N	TJO	02:26:14 UT N	TJO	02:27:14 UT N	TJO	02:28:14 UT N	TJO	02:29:14 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
02:30:14 UT S N	TJO	02:31:15 UT S N	TJO	02:32:15 UT S N	TJO	02:33:15 UT S N	TJO	02:34:15 UT S N	TJO	02:35:15 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
02:36:15 UT S N	TJO	02:37:15 UT S N	TJO	02:38:15 UT S N	TJO	02:39:15 UT S N	TJO	02:40:15 UT S N	TJO	02:41:15 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
02:42:15 UT S N	TJO	02:43:15 UT S N	TJO	02:44:15 UT S N	TJO	02:45:15 UT S N	TJO	02:46:15 UT S N	TJO	02:47:15 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
02:48:15 UT S N	TJO	02:49:15 UT S N	TJO	02:50:15 UT S N	TJO	02:51:15 UT S N	TJO	02:52:15 UT S N	TJO	02:53:15 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
02:54:15 UT S N	TJO	02:55:15 UT S N	TJO	02:56:15 UT S N	TJO	02:57:15 UT S N	TJO	02:58:15 UT S N	TJO	02:59:15 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 20221206–20221207

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	04:37:18 UT N	TJO	04:38:18 UT N	TJO	04:39:18 UT N	TJO	04:40:18 UT N	TJO	04:41:18 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
04:42:18 UT N	TJO	04:43:18 UT N	TJO	04:44:18 UT N	TJO	04:45:18 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 20221206–20221207

04:48:19 UT N	TJO	04:49:19 UT N	TJO	04:50:19 UT N	TJO	04:51:19 UT N	TJO	04:52:19 UT N	TJO	04:53:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:54:19 UT N	TJO	04:55:19 UT N	TJO	04:56:19 UT N	TJO	04:57:19 UT N	TJO	04:58:19 UT N	TJO	04:59:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:00:19 UT N	TJO	05:01:19 UT N	TJO	05:02:19 UT N	TJO	05:03:19 UT N	TJO	05:04:19 UT N	TJO	05:05:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:06:19 UT N	TJO	05:07:19 UT N	TJO	05:08:19 UT N	TJO	05:09:19 UT N	TJO	05:10:19 UT N	TJO	05:11:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:12:19 UT N	TJO	05:13:19 UT N	TJO	05:14:19 UT N	TJO	05:15:19 UT N	TJO	05:16:19 UT N	TJO	05:17:19 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:18:19 UT N	TJO	05:19:19 UT N	TJO	05:20:19 UT N	TJO	05:21:20 UT N	TJO	05:22:20 UT N	TJO	05:23:20 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 20221206–20221207

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	05:44:20 UT N	TJO	05:45:20 UT N	TJO	05:46:20 UT N	TJO	05:47:20 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:48:20 UT N	TJO	05:49:20 UT N	TJO	05:50:20 UT N	TJO	05:51:20 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 20221206–20221207

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
S		S		S		S		S		S		S
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	06:11:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:12:21 UT N	TJO	06:13:21 UT N	TJO	06:14:21 UT N	TJO	06:15:21 UT N	TJO	06:16:21 UT N	TJO	06:17:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:18:21 UT N	TJO	06:19:21 UT N	TJO	06:20:21 UT N	TJO	06:21:21 UT N	TJO	06:22:21 UT N	TJO	06:23:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:24:21 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
S		S		S		S		S		S		S
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

Tjornes Watec All-Sky Images 20221206–20221207

06:36:22 UT N	TJO	06:37:22 UT N	TJO	06:38:22 UT N	TJO	06:39:22 UT N	TJO	06:40:22 UT N	TJO	06:41:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:42:22 UT N	TJO	06:43:22 UT N	TJO	06:44:22 UT N	TJO	06:45:22 UT N	TJO	06:46:22 UT N	TJO	06:47:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:48:22 UT N	TJO	06:49:22 UT N	TJO	06:50:22 UT N	TJO	06:51:22 UT N	TJO	06:52:22 UT N	TJO	06:53:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:54:22 UT N	TJO	06:55:22 UT N	TJO	06:56:22 UT N	TJO	06:57:23 UT N	TJO	06:58:23 UT N	TJO	06:59:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:00:23 UT N	TJO	07:01:23 UT N	TJO	07:02:23 UT N	TJO	07:03:23 UT N	TJO	07:04:23 UT N	TJO	07:05:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:06:23 UT N	TJO	07:07:23 UT N	TJO	07:08:23 UT N	TJO	07:09:23 UT N	TJO	07:10:23 UT N	TJO	07:11:23 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 20221206–20221207

07:48:24 UT N	TJO	07:49:24 UT N	TJO	07:50:24 UT N	TJO	07:51:24 UT N	TJO	07:52:24 UT N	TJO	07:53:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
07:54:24 UT N	TJO	07:55:24 UT N	TJO	07:56:24 UT N	TJO	07:57:24 UT N	TJO	07:58:24 UT N	TJO	07:59:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
08:00:24 UT N	TJO	08:01:24 UT N	TJO	08:02:25 UT N	TJO	08:03:25 UT N	TJO	08:04:25 UT N	TJO	08:05:25 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
08:06:25 UT N	TJO	08:07:25 UT N	TJO	08:08:25 UT N	TJO	08:09:25 UT N	TJO	08:10:25 UT N	TJO	08:11:25 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
08:12:25 UT N	TJO	08:13:25 UT N	TJO	08:14:25 UT N	TJO	08:15:25 UT N	TJO	08:16:25 UT N	TJO	08:17:25 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
08:18:25 UT N	TJO	08:19:25 UT N	TJO	08:20:25 UT N	TJO	08:21:25 UT N	TJO	08:22:25 UT N	TJO	08:23:25 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S

