

Tjornes Watec All-Sky Images 20221105–20221106

18:27:22 UT N	TJO	18:28:22 UT N	TJO	18:29:22 UT N	TJO	18:30:22 UT N	TJO	18:31:22 UT N	TJO	18:32:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:33:22 UT N	TJO	18:34:22 UT N	TJO	18:35:22 UT N	TJO	18:36:22 UT N	TJO	18:37:22 UT N	TJO	18:38:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:39:22 UT N	TJO	18:40:22 UT N	TJO	18:41:22 UT N	TJO	18:42:22 UT N	TJO	18:43:22 UT N	TJO	18:44:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:45:22 UT N	TJO	18:46:22 UT N	TJO	18:47:22 UT N	TJO	18:48:22 UT N	TJO	18:49:23 UT N	TJO	18:50:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:51:23 UT N	TJO	18:52:23 UT N	TJO	18:53:23 UT N	TJO	18:54:23 UT N	TJO	18:55:23 UT N	TJO	18:56:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
18:57:23 UT N	TJO	18:58:23 UT N	TJO	18:59:23 UT N	TJO	19:00:23 UT N	TJO	19:01:23 UT N	TJO	19:02:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S

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19:03:23 UT N	TJO	19:04:23 UT N	TJO	19:05:23 UT N	TJO	19:06:23 UT N	TJO	19:07:23 UT N	TJO	19:08:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:09:23 UT N	TJO	19:10:23 UT N	TJO	19:11:23 UT N	TJO	19:12:23 UT N	TJO	19:13:23 UT N	TJO	19:14:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:15:23 UT N	TJO	19:16:23 UT N	TJO	19:17:23 UT N	TJO	19:18:23 UT N	TJO	19:19:23 UT N	TJO	19:20:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:21:23 UT N	TJO	19:22:23 UT N	TJO	19:23:24 UT N	TJO	19:24:24 UT N	TJO	19:25:24 UT N	TJO	19:26:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:27:24 UT N	TJO	19:28:24 UT N	TJO	19:29:24 UT N	TJO	19:30:24 UT N	TJO	19:31:24 UT N	TJO	19:32:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:33:24 UT N	TJO	19:34:24 UT N	TJO	19:35:24 UT N	TJO	19:36:24 UT N	TJO	19:37:24 UT N	TJO	19:38:24 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 20221105–20221106

20:15:25 UT N	TJO	20:16:25 UT N	TJO	20:17:25 UT N	TJO	20:18:25 UT N	TJO	20:19:25 UT N	TJO	20:20:25 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:21:25 UT N	TJO	20:22:25 UT N	TJO	20:23:25 UT N	TJO	20:24:25 UT N	TJO	20:25:25 UT N	TJO	20:26:25 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:27:25 UT N	TJO	20:28:25 UT N	TJO	20:29:25 UT N	TJO	20:30:25 UT N	TJO	20:31:25 UT N	TJO	20:32:25 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:33:26 UT N	TJO	20:34:26 UT N	TJO	20:35:26 UT N	TJO	20:36:26 UT N	TJO	20:37:26 UT N	TJO	20:38:26 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:39:26 UT N	TJO	20:40:26 UT N	TJO	20:41:26 UT N	TJO	20:42:26 UT N	TJO	20:43:26 UT N	TJO	20:44:26 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:45:26 UT N	TJO	20:46:26 UT N	TJO	20:47:26 UT N	TJO	20:48:26 UT N	TJO	20:49:26 UT N	TJO	20:50:26 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 20221105–20221106

22:39:29 UT N	TJO	22:40:29 UT N	TJO	22:41:29 UT N	TJO	22:42:29 UT N	TJO	22:43:29 UT N	TJO	22:44:29 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:45:29 UT N	TJO	22:46:30 UT N	TJO	22:47:30 UT N	TJO	22:48:30 UT N	TJO	22:49:30 UT N	TJO	22:50:30 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:51:30 UT N	TJO	22:52:30 UT N	TJO	22:53:30 UT N	TJO	22:54:30 UT N	TJO	22:55:30 UT N	TJO	22:56:30 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:57:30 UT N	TJO	22:58:30 UT N	TJO	22:59:30 UT N	TJO	23:00:30 UT N	TJO	23:01:30 UT N	TJO	23:02:30 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:03:30 UT N	TJO	23:04:30 UT N	TJO	23:05:30 UT N	TJO	23:06:30 UT N	TJO	23:07:30 UT N	TJO	23:08:30 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:09:30 UT N	TJO	23:10:30 UT N	TJO	23:11:30 UT N	TJO	23:12:30 UT N	TJO	23:13:30 UT N	TJO	23:14:30 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 20221105–20221106

23:51:31 UT N	TJO	23:52:31 UT N	TJO	23:53:32 UT N	TJO	23:54:32 UT N	TJO	23:55:32 UT N	TJO	23:56:32 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:57:32 UT N	TJO	23:58:32 UT N	TJO	23:59:32 UT N	TJO	00:00:32 UT N	TJO	00:01:32 UT N	TJO	00:02:32 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:03:32 UT N	TJO	00:04:32 UT N	TJO	00:05:32 UT N	TJO	00:06:32 UT N	TJO	00:07:32 UT N	TJO	00:08:32 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:09:32 UT N	TJO	00:10:32 UT N	TJO	00:11:32 UT N	TJO	00:12:32 UT N	TJO	00:13:32 UT N	TJO	00:14:32 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:15:32 UT N	TJO	00:16:32 UT N	TJO	00:17:32 UT N	TJO	00:18:32 UT N	TJO	00:19:32 UT N	TJO	00:20:32 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:21:32 UT N	TJO	00:22:32 UT N	TJO	00:23:32 UT N	TJO	00:24:32 UT N	TJO	00:25:32 UT N	TJO	00:26:32 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 20221105–20221106

00:27:32 UT N	TJO	00:28:32 UT N	TJO	00:29:33 UT N	TJO	00:30:33 UT N	TJO	00:31:33 UT N	TJO	00:32:33 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		
00:33:33 UT N	TJO	00:34:33 UT N	TJO	00:35:33 UT N	TJO	00:36:33 UT N	TJO	00:37:33 UT N	TJO	00:38:33 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		
00:39:33 UT N	TJO	00:40:33 UT N	TJO	00:41:33 UT N	TJO	00:42:33 UT N	TJO	00:43:33 UT N	TJO	00:44:33 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		
00:45:33 UT N	TJO	00:46:33 UT N	TJO	00:47:33 UT N	TJO	00:48:33 UT N	TJO	00:49:33 UT N	TJO	00:50:33 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		
00:51:33 UT N	TJO	00:52:33 UT N	TJO	00:53:33 UT N	TJO	00:54:33 UT N	TJO	00:55:33 UT N	TJO	00:56:33 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		
00:57:33 UT N	TJO	00:58:33 UT N	TJO	00:59:33 UT N	TJO	01:00:33 UT N	TJO	01:01:33 UT N	TJO	01:02:33 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 20221105–20221106

01:03:33 UT N	TJO	01:04:34 UT N	TJO	01:05:34 UT N	TJO	01:06:34 UT N	TJO	01:07:34 UT N	TJO	01:08:34 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
01:09:34 UT S N	TJO	01:10:34 UT S N	TJO	01:11:34 UT S N	TJO	01:12:34 UT S N	TJO	01:13:34 UT S N	TJO	01:14:34 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
01:15:34 UT S N	TJO	01:16:34 UT S N	TJO	01:17:34 UT S N	TJO	01:18:34 UT S N	TJO	01:19:34 UT S N	TJO	01:20:34 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
01:21:34 UT S N	TJO	01:22:34 UT S N	TJO	01:23:34 UT S N	TJO	01:24:34 UT S N	TJO	01:25:34 UT S N	TJO	01:26:34 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
01:27:34 UT S N	TJO	01:28:34 UT S N	TJO	01:29:34 UT S N	TJO	01:30:34 UT S N	TJO	01:31:34 UT S N	TJO	01:32:34 UT S N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
01:33:34 UT S N	TJO	01:34:34 UT S N	TJO	01:35:34 UT S N	TJO	01:36:35 UT S N	TJO	01:37:35 UT S N	TJO	01:38:35 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 20221105–20221106

02:51:37 UT N	TJO	02:52:37 UT N	TJO	02:53:37 UT N	TJO	02:54:37 UT N	TJO	02:55:37 UT N	TJO	02:56:37 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
02:57:37 UT N	TJO	02:58:37 UT N	TJO	02:59:37 UT N	TJO	03:00:37 UT N	TJO	03:01:37 UT N	TJO	03:02:37 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
03:03:37 UT N	TJO	03:04:37 UT N	TJO	03:05:37 UT N	TJO	03:06:37 UT N	TJO	03:07:37 UT N	TJO	03:08:37 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
03:09:37 UT N	TJO	03:10:37 UT N	TJO	03:11:37 UT N	TJO	03:12:37 UT N	TJO	03:13:37 UT N	TJO	03:14:37 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
03:15:37 UT N	TJO	03:16:37 UT N	TJO	03:17:37 UT N	TJO	03:18:37 UT N	TJO	03:19:37 UT N	TJO	03:20:38 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
03:21:38 UT N	TJO	03:22:38 UT N	TJO	03:23:38 UT N	TJO	03:24:38 UT N	TJO	03:25:38 UT N	TJO	03:26:38 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 20221105–20221106

04:39:40 UT N	TJO	04:40:40 UT N	TJO	04:41:40 UT N	TJO	04:42:40 UT N	TJO	04:43:40 UT N	TJO	04:44:40 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:45:40 UT N	TJO	04:46:40 UT N	TJO	04:47:40 UT N	TJO	04:48:40 UT N	TJO	04:49:40 UT N	TJO	04:50:40 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:51:40 UT N	TJO	04:52:40 UT N	TJO	04:53:40 UT N	TJO	04:54:40 UT N	TJO	04:55:40 UT N	TJO	04:56:40 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:57:40 UT N	TJO	04:58:40 UT N	TJO	04:59:40 UT N	TJO	05:00:40 UT N	TJO	05:01:40 UT N	TJO	05:02:40 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:03:40 UT N	TJO	05:04:40 UT N	TJO	05:05:40 UT N	TJO	05:06:40 UT N	TJO	05:07:40 UT N	TJO	05:08:41 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:09:41 UT N	TJO	05:10:41 UT N	TJO	05:11:41 UT N	TJO	05:12:41 UT N	TJO	05:13:41 UT N	TJO	05:14:41 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 20221105–20221106

07:03:44 UT N	TJO	07:04:44 UT N	TJO	07:05:44 UT N	TJO	07:06:44 UT N	TJO	07:07:44 UT N	TJO	07:08:44 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:09:44 UT N	TJO	07:10:44 UT N	TJO	07:11:44 UT N	TJO	07:12:44 UT N	TJO	07:13:44 UT N	TJO	07:14:44 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:15:44 UT N	TJO	07:16:44 UT N	TJO	07:17:44 UT N	TJO	07:18:44 UT N	TJO					
E	o	WE	o	WE	o	WE	o					W
S		S		S		S						