

Tjornes Watec All-Sky Images 20221102–20221103

20:59:53 UT N	TJO	21:00:53 UT N	TJO	21:01:53 UT N	TJO	21:02:53 UT N	TJO	21:03:53 UT N	TJO	21:04:53 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:05:53 UT N	TJO	21:06:53 UT N	TJO	21:07:53 UT N	TJO	21:08:53 UT N	TJO	21:09:54 UT N	TJO	21:10:54 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:11:54 UT N	TJO	21:12:54 UT N	TJO	21:13:54 UT N	TJO	21:14:54 UT N	TJO	21:15:54 UT N	TJO	21:16:54 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:17:54 UT N	TJO	21:18:54 UT N	TJO	21:19:54 UT N	TJO	21:20:54 UT N	TJO	21:21:54 UT N	TJO	21:22:54 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:23:54 UT N	TJO	21:24:54 UT N	TJO	21:25:54 UT N	TJO	21:26:54 UT N	TJO	21:27:54 UT N	TJO	21:28:54 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:29:54 UT N	TJO	21:30:54 UT N	TJO	21:31:54 UT N	TJO	21:32:54 UT N	TJO	21:33:54 UT N	TJO	21:34:54 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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21:35:54 UT N	TJO	21:36:54 UT N	TJO	21:37:54 UT N	TJO	21:38:54 UT N	TJO	21:39:54 UT N	TJO	21:40:54 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:41:54 UT N	TJO	21:42:54 UT N	TJO	21:43:55 UT N	TJO	21:44:55 UT N	TJO	21:45:55 UT N	TJO	21:46:55 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:47:55 UT N	TJO	21:48:55 UT N	TJO	21:49:55 UT N	TJO	21:50:55 UT N	TJO	21:51:55 UT N	TJO	21:52:55 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:53:55 UT N	TJO	21:54:55 UT N	TJO	21:55:55 UT N	TJO	21:56:55 UT N	TJO	21:57:55 UT N	TJO	21:58:55 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
21:59:55 UT N	TJO	22:00:55 UT N	TJO	22:01:55 UT N	TJO	22:02:55 UT N	TJO	22:03:55 UT N	TJO	22:04:55 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
22:05:55 UT N	TJO	22:06:55 UT N	TJO	22:07:55 UT N	TJO	22:08:55 UT N	TJO	22:09:55 UT N	TJO	22:10:55 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 20221102–20221103

22:11:55 UT N	TJO	22:12:55 UT N	TJO	22:13:55 UT N	TJO	22:14:55 UT N	TJO	22:15:55 UT N	TJO	22:16:55 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
22:17:56 UT N	TJO	22:18:56 UT N	TJO	22:19:56 UT N	TJO	22:20:56 UT N	TJO	22:21:56 UT N	TJO	22:22:56 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
22:23:56 UT N	TJO	22:24:56 UT N	TJO	22:25:56 UT N	TJO	22:26:56 UT N	TJO	22:27:56 UT N	TJO	22:28:56 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
22:29:56 UT N	TJO	22:30:56 UT N	TJO	22:31:56 UT N	TJO	22:32:56 UT N	TJO	22:33:56 UT N	TJO	22:34:56 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
22:35:56 UT N	TJO	22:36:56 UT N	TJO	22:37:56 UT N	TJO	22:38:56 UT N	TJO	22:39:56 UT N	TJO	22:40:56 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
22:41:56 UT N	TJO	22:42:56 UT N	TJO	22:43:56 UT N	TJO	22:44:56 UT N	TJO	22:45:56 UT N	TJO	22:46:56 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 20221102–20221103

23:59:59 UT N	TJO	00:00:59 UT N	TJO	00:01:59 UT N	TJO	00:02:59 UT N	TJO	00:03:59 UT N	TJO	00:04:59 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:05:59 UT N	TJO	00:06:59 UT N	TJO	00:07:59 UT N	TJO	00:08:59 UT N	TJO	00:09:59 UT N	TJO	00:10:59 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:11:59 UT N	TJO	00:12:59 UT N	TJO	00:13:59 UT N	TJO	00:14:59 UT N	TJO	00:15:59 UT N	TJO	00:16:59 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:17:59 UT N	TJO	00:18:59 UT N	TJO	00:19:59 UT N	TJO	00:20:59 UT N	TJO	00:21:59 UT N	TJO	00:22:59 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:23:59 UT N	TJO	00:24:59 UT N	TJO	00:25:59 UT N	TJO	00:26:59 UT N	TJO	00:27:59 UT N	TJO	00:29:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:30:00 UT N	TJO	00:31:00 UT N	TJO	00:32:00 UT N	TJO	00:33:00 UT N	TJO	00:34:00 UT N	TJO	00:35:00 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 20221102–20221103

00:36:00 UT N	TJO	00:37:00 UT N	TJO	00:38:00 UT N	TJO	00:39:00 UT N	TJO	00:40:00 UT N	TJO	00:41:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:42:00 UT N	TJO	00:43:00 UT N	TJO	00:44:00 UT N	TJO	00:45:00 UT N	TJO	00:46:00 UT N	TJO	00:47:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:48:00 UT N	TJO	00:49:00 UT N	TJO	00:50:00 UT N	TJO	00:51:00 UT N	TJO	00:52:00 UT N	TJO	00:53:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:54:00 UT N	TJO	00:55:00 UT N	TJO	00:56:00 UT N	TJO	00:57:00 UT N	TJO	00:58:00 UT N	TJO	00:59:00 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
01:00:01 UT N	TJO	01:01:01 UT N	TJO	01:02:01 UT N	TJO	01:03:01 UT N	TJO	01:04:01 UT N	TJO	01:05:01 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
01:06:01 UT N	TJO	01:07:01 UT N	TJO	01:08:01 UT N	TJO	01:09:01 UT N	TJO	01:10:01 UT N	TJO	01:11:01 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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04:12:06 UT N	TJO	04:13:06 UT N	TJO	04:14:06 UT N	TJO	04:15:06 UT N	TJO	04:16:06 UT N	TJO	04:17:06 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
04:18:06 UT N	TJO	04:19:06 UT N	TJO	04:20:06 UT N	TJO	04:21:07 UT N	TJO	04:22:07 UT N	TJO	04:23:07 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
04:24:07 UT N	TJO	04:25:07 UT N	TJO	04:26:07 UT N	TJO	04:27:07 UT N	TJO	04:28:07 UT N	TJO	04:29:07 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
04:30:07 UT N	TJO	04:31:07 UT N	TJO	04:32:07 UT N	TJO	04:33:07 UT N	TJO	04:34:07 UT N	TJO	04:35:07 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
04:36:07 UT N	TJO	04:37:07 UT N	TJO	04:38:07 UT N	TJO	04:39:07 UT N	TJO	04:40:07 UT N	TJO	04:41:07 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
04:42:07 UT N	TJO	04:43:07 UT N	TJO	04:44:07 UT N	TJO	04:45:07 UT N	TJO	04:46:07 UT N	TJO	04:47:07 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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06:00:09 UT N	TJO	06:01:09 UT N	TJO	06:02:10 UT N	TJO	06:03:10 UT N	TJO	06:04:10 UT N	TJO	06:05:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:06:10 UT N	TJO	06:07:10 UT N	TJO	06:08:10 UT N	TJO	06:09:10 UT N	TJO	06:10:10 UT N	TJO	06:11:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:12:10 UT N	TJO	06:13:10 UT N	TJO	06:14:10 UT N	TJO	06:15:10 UT N	TJO	06:16:10 UT N	TJO	06:17:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:18:10 UT N	TJO	06:19:10 UT N	TJO	06:20:10 UT N	TJO	06:21:10 UT N	TJO	06:22:10 UT N	TJO	06:23:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:24:10 UT N	TJO	06:25:10 UT N	TJO	06:26:10 UT N	TJO	06:27:10 UT N	TJO	06:28:10 UT N	TJO	06:29:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:30:10 UT N	TJO	06:31:10 UT N	TJO	06:32:10 UT N	TJO	06:33:10 UT N	TJO	06:34:10 UT N	TJO	06:35:10 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S

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