

Tjornes Watec All-Sky Images 20221019–20221020

19:20:06 UT N	TJO	19:21:06 UT N	TJO	19:22:06 UT N	TJO	19:23:06 UT N	TJO	19:24:06 UT N	TJO	19:25:06 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:26:06 UT N	TJO	19:27:06 UT N	TJO	19:28:06 UT N	TJO	19:29:06 UT N	TJO	19:30:06 UT N	TJO	19:31:06 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:32:06 UT N	TJO	19:33:06 UT N	TJO	19:34:06 UT N	TJO	19:35:06 UT N	TJO	19:36:06 UT N	TJO	19:37:06 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:38:06 UT N	TJO	19:39:06 UT N	TJO	19:40:06 UT N	TJO	19:41:06 UT N	TJO	19:42:06 UT N	TJO	19:43:06 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:44:06 UT N	TJO	19:45:06 UT N	TJO	19:46:06 UT N	TJO	19:47:06 UT N	TJO	19:48:06 UT N	TJO	19:49:06 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
19:50:06 UT N	TJO	19:51:07 UT N	TJO	19:52:07 UT N	TJO	19:53:07 UT N	TJO	19:54:07 UT N	TJO	19:55:07 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 20221019–20221020

19:56:07 UT N	TJO	19:57:07 UT N	TJO	19:58:07 UT N	TJO	19:59:07 UT N	TJO	20:00:07 UT N	TJO	20:01:07 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:02:07 UT N	TJO	20:03:07 UT N	TJO	20:04:07 UT N	TJO	20:05:07 UT N	TJO	20:06:07 UT N	TJO	20:07:07 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:08:07 UT N	TJO	20:09:07 UT N	TJO	20:10:07 UT N	TJO	20:11:07 UT N	TJO	20:12:07 UT N	TJO	20:13:07 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:14:07 UT N	TJO	20:15:07 UT N	TJO	20:16:07 UT N	TJO	20:17:07 UT N	TJO	20:18:07 UT N	TJO	20:19:07 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:20:07 UT N	TJO	20:21:07 UT N	TJO	20:22:07 UT N	TJO	20:23:07 UT N	TJO	20:24:07 UT N	TJO	20:25:07 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:26:07 UT N	TJO	20:27:07 UT N	TJO	20:28:07 UT N	TJO	20:29:08 UT N	TJO	20:30:08 UT N	TJO	20:31:08 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 20221019–20221020

20:32:08 UT N	TJO	20:33:08 UT N	TJO	20:34:08 UT N	TJO	20:35:08 UT N	TJO	20:36:08 UT N	TJO	20:37:08 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
20:38:08 UT N	TJO	20:39:08 UT N	TJO	20:40:08 UT N	TJO	20:41:08 UT N	TJO	20:42:08 UT N	TJO	20:43:08 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
20:44:08 UT N	TJO	20:45:08 UT N	TJO	20:46:08 UT N	TJO	20:47:08 UT N	TJO	20:48:08 UT N	TJO	20:49:08 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
20:50:08 UT N	TJO	20:51:08 UT N	TJO	20:52:08 UT N	TJO	20:53:08 UT N	TJO	20:54:08 UT N	TJO	20:55:08 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
20:56:08 UT N	TJO	20:57:08 UT N	TJO	20:58:08 UT N	TJO	20:59:08 UT N	TJO	21:00:08 UT N	TJO	21:01:08 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
21:02:08 UT N	TJO	21:03:09 UT N	TJO	21:04:09 UT N	TJO	21:05:09 UT N	TJO	21:06:09 UT N	TJO	21:07:09 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 20221019–20221020

22:56:12 UT N	TJO	22:57:12 UT N	TJO	22:58:12 UT N	TJO	22:59:12 UT N	TJO	23:00:12 UT N	TJO	23:01:12 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
23:02:12 UT N	TJO	23:03:12 UT N	TJO	23:04:12 UT N	TJO	23:05:12 UT N	TJO	23:06:12 UT N	TJO	23:07:12 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
23:08:12 UT N	TJO	23:09:12 UT N	TJO	23:10:12 UT N	TJO	23:11:12 UT N	TJO	23:12:13 UT N	TJO	23:13:13 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
23:14:13 UT N	TJO	23:15:13 UT N	TJO	23:16:13 UT N	TJO	23:17:13 UT N	TJO	23:18:13 UT N	TJO	23:19:13 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
23:20:13 UT N	TJO	23:21:13 UT N	TJO	23:22:13 UT N	TJO	23:23:13 UT N	TJO	23:24:13 UT N	TJO	23:25:13 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
23:26:13 UT N	TJO	23:27:13 UT N	TJO	23:28:13 UT N	TJO	23:29:13 UT N	TJO	23:30:13 UT N	TJO	23:31:13 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 20221019–20221020

23:32:13 UT N	TJO	23:33:13 UT N	TJO	23:34:13 UT N	TJO	23:35:13 UT N	TJO	23:36:13 UT N	TJO	23:37:13 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:38:13 UT N	TJO	23:39:13 UT N	TJO	23:40:13 UT N	TJO	23:41:13 UT N	TJO	23:42:13 UT N	TJO	23:43:13 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:44:13 UT N	TJO	23:45:13 UT N	TJO	23:46:13 UT N	TJO	23:47:13 UT N	TJO	23:48:14 UT N	TJO	23:49:14 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:50:14 UT N	TJO	23:51:14 UT N	TJO	23:52:14 UT N	TJO	23:53:14 UT N	TJO	23:54:14 UT N	TJO	23:55:14 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
23:56:14 UT N	TJO	23:57:14 UT N	TJO	23:58:14 UT N	TJO	23:59:14 UT N	TJO	00:00:14 UT N	TJO	00:01:14 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:02:14 UT N	TJO	00:03:14 UT N	TJO	00:04:14 UT N	TJO	00:05:14 UT N	TJO	00:06:14 UT N	TJO	00:07:14 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 20221019–20221020

01:56:17 UT N	TJO	01:57:17 UT N	TJO	01:58:17 UT N	TJO	01:59:17 UT N	TJO	02:00:17 UT N	TJO	02:01:17 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
02:02:17 UT N	TJO	02:03:17 UT N	TJO	02:04:18 UT N	TJO	02:05:18 UT N	TJO	02:06:18 UT N	TJO	02:07:18 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
02:08:18 UT N	TJO	02:09:18 UT N	TJO	02:10:18 UT N	TJO	02:11:18 UT N	TJO	02:12:18 UT N	TJO	02:13:18 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
02:14:18 UT N	TJO	02:15:18 UT N	TJO	02:16:18 UT N	TJO	02:17:18 UT N	TJO	02:18:18 UT N	TJO	02:19:18 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
02:20:18 UT N	TJO	02:21:18 UT N	TJO	02:22:18 UT N	TJO	02:23:18 UT N	TJO	02:24:18 UT N	TJO	02:25:18 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
02:26:18 UT N	TJO	02:27:18 UT N	TJO	02:28:18 UT N	TJO	02:29:18 UT N	TJO	02:30:18 UT N	TJO	02:31:18 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 20221019–20221020

04:20:21 UT N	TJO	04:21:21 UT N	TJO	04:22:21 UT N	TJO	04:23:21 UT N	TJO	04:24:21 UT N	TJO	04:25:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:26:22 UT N	TJO	04:27:22 UT N	TJO	04:28:22 UT N	TJO	04:29:22 UT N	TJO	04:30:22 UT N	TJO	04:31:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:32:22 UT N	TJO	04:33:22 UT N	TJO	04:34:22 UT N	TJO	04:35:22 UT N	TJO	04:36:22 UT N	TJO	04:37:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:38:22 UT N	TJO	04:39:22 UT N	TJO	04:40:22 UT N	TJO	04:41:22 UT N	TJO	04:42:22 UT N	TJO	04:43:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:44:22 UT N	TJO	04:45:22 UT N	TJO	04:46:22 UT N	TJO	04:47:22 UT N	TJO	04:48:22 UT N	TJO	04:49:22 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:50:22 UT N	TJO	04:51:22 UT N	TJO	04:52:22 UT N	TJO	04:53:22 UT N	TJO	04:54:22 UT N	TJO	04:55:22 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 20221019–20221020

04:56:22 UT N	TJO	04:57:22 UT N	TJO	04:58:22 UT N	TJO	04:59:23 UT N	TJO	05:00:23 UT N	TJO	05:01:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
05:02:23 UT N	TJO	05:03:23 UT N	TJO	05:04:23 UT N	TJO	05:05:23 UT N	TJO	05:06:23 UT N	TJO	05:07:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
05:08:23 UT N	TJO	05:09:23 UT N	TJO	05:10:23 UT N	TJO	05:11:23 UT N	TJO	05:12:23 UT N	TJO	05:13:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
05:14:23 UT N	TJO	05:15:23 UT N	TJO	05:16:23 UT N	TJO	05:17:23 UT N	TJO	05:18:23 UT N	TJO	05:19:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
05:20:23 UT N	TJO	05:21:23 UT N	TJO	05:22:23 UT N	TJO	05:23:23 UT N	TJO	05:24:23 UT N	TJO	05:25:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
	S		S		S		S		S		S	
05:26:23 UT N	TJO	05:27:23 UT N	TJO	05:28:23 UT N	TJO	05:29:23 UT N	TJO	05:30:23 UT N	TJO	05:31:24 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 20221019–20221020

06:08:25 UT N	TJO	06:09:25 UT N	TJO	06:10:25 UT N	TJO	06:11:25 UT N	TJO	06:12:25 UT N	TJO	06:13:25 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:14:25 UT N	TJO	06:15:25 UT N	TJO	06:16:25 UT N	TJO	06:17:25 UT N	TJO	06:18:25 UT N	TJO	06:19:25 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:20:25 UT N	TJO	06:21:25 UT N	TJO	06:22:25 UT N	TJO	06:23:25 UT N	TJO	06:24:25 UT N	TJO	06:25:25 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:26:25 UT N	TJO	06:27:25 UT N	TJO	06:28:25 UT N	TJO							
E	o	WE	o	WE	o							
S		S		S								