









# Tjornes Watec All-Sky Images 20221125–20221126

20:24:04 UT N	TJO	20:25:04 UT N	TJO	20:26:04 UT N	TJO	20:27:04 UT N	TJO	20:28:04 UT N	TJO	20:29:04 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:30:04 UT N	TJO	20:31:04 UT N	TJO	20:32:04 UT N	TJO	20:33:05 UT N	TJO	20:34:05 UT N	TJO	20:35:05 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:36:05 UT N	TJO	20:37:05 UT N	TJO	20:38:05 UT N	TJO	20:39:05 UT N	TJO	20:40:05 UT N	TJO	20:41:05 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:42:05 UT N	TJO	20:43:05 UT N	TJO	20:44:05 UT N	TJO	20:45:05 UT N	TJO	20:46:05 UT N	TJO	20:47:05 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:48:05 UT N	TJO	20:49:05 UT N	TJO	20:50:05 UT N	TJO	20:51:05 UT N	TJO	20:52:05 UT N	TJO	20:53:05 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
20:54:05 UT N	TJO	20:55:05 UT N	TJO	20:56:05 UT N	TJO	20:57:05 UT N	TJO	20:58:05 UT N	TJO	20:59:05 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 20221125–20221126

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	23:31:10 UT N	TJO	23:32:10 UT N	TJO	23:33:10 UT N	TJO	23:34:10 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 20221125–20221126

00:00:10 UT N	TJO	00:01:10 UT N	TJO	00:02:10 UT N	TJO	00:03:10 UT N	TJO	00:04:11 UT N	TJO	00:05:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:06:11 UT N	TJO	00:07:11 UT N	TJO	00:08:11 UT N	TJO	00:09:11 UT N	TJO	00:10:11 UT N	TJO	00:11:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:12:11 UT N	TJO	00:13:11 UT N	TJO	00:14:11 UT N	TJO	00:15:11 UT N	TJO	00:16:11 UT N	TJO	00:17:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:18:11 UT N	TJO	00:19:11 UT N	TJO	00:20:11 UT N	TJO	00:21:11 UT N	TJO	00:22:11 UT N	TJO	00:23:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:24:11 UT N	TJO	00:25:11 UT N	TJO	00:26:11 UT N	TJO	00:27:11 UT N	TJO	00:28:11 UT N	TJO	00:29:11 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
00:30:11 UT N	TJO	00:31:11 UT N	TJO	00:32:11 UT N	TJO	00:33:11 UT N	TJO	00:34:11 UT N	TJO	00:35:11 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 20221125–20221126

00:36:11 UT N	TJO	00:37:11 UT N	TJO	00:38:11 UT N	TJO	00:39:12 UT N	TJO	00:40:12 UT N	TJO	00:41:12 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:42:12 UT N	TJO	00:43:12 UT N	TJO	00:44:12 UT N	TJO	00:45:12 UT N	TJO	00:46:12 UT N	TJO	00:47:12 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
00:48:12 UT N	TJO	00:49:12 UT N	TJO	00:50:12 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
S		S		S		S		S		S		S
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
S		S		S		S		S		S		S
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
S		S		S		S		S		S		S
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 20221125–20221126

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	03:57:18 UT N	TJO	03:58:18 UT N	TJO	03:59:18 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
04:00:18 UT N	TJO	04:01:18 UT N	TJO	04:02:18 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 20221125–20221126

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	05:40:21 UT N	TJO	05:41:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
05:42:21 UT N	TJO	05:43:21 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 20221125–20221126

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	06:11:21 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
06:12:21 UT N	TJO	06:13:21 UT N	TJO	06:14:21 UT N	TJO	06:15:21 UT N	TJO	06:16:22 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

# Tjornes Watec All-Sky Images 20221125–20221126

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	06:49:23 UT N	TJO	06:50:23 UT N	TJO	06:51:23 UT N	TJO	06:52:23 UT N	TJO	06:53:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
06:54:23 UT N	TJO	06:55:23 UT N	TJO	06:56:23 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 20221125–20221126

07:12:23 UT N	TJO	07:13:23 UT N	TJO	07:14:23 UT N	TJO	07:15:23 UT N	TJO	07:16:23 UT N	TJO	07:17:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:18:23 UT N	TJO	07:19:23 UT N	TJO	07:20:23 UT N	TJO	07:21:23 UT N	TJO	07:22:23 UT N	TJO	07:23:23 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:24:24 UT N	TJO	07:25:24 UT N	TJO	07:26:24 UT N	TJO	07:27:24 UT N	TJO	07:28:24 UT N	TJO	07:29:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:30:24 UT N	TJO	07:31:24 UT N	TJO	07:32:24 UT N	TJO	07:33:24 UT N	TJO	07:34:24 UT N	TJO	07:35:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:36:24 UT N	TJO	07:37:24 UT N	TJO	07:38:24 UT N	TJO	07:39:24 UT N	TJO	07:40:24 UT N	TJO	07:41:24 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
07:42:24 UT N	TJO	07:43:24 UT N	TJO	07:44:24 UT N	TJO	07:45:24 UT N	TJO	07:46:24 UT N	TJO	07:47:24 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 20221125–20221126

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
S		S		S		S		S		S		S
07:54:24 UT N	TJO	07:55:25 UT N	TJO	07:56:25 UT N	TJO	07:57:25 UT N	TJO	07:58:25 UT N	TJO	07:59:25 UT N	TJO	
E	o	WE	o	WE	o	WE	o	WE	o	WE	o	W
S		S		S		S		S		S		S
08:00:25 UT N	TJO	08:01:25 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
S		S		S		S		S		S		S
08:06:25 UT N	TJO	08:07:25 UT N	TJO	08:08:25 UT N	TJO	08:09:25 UT N	TJO			S		S
E	o	WE	o	WE	o	WE	o					W
S		S		S		S						S