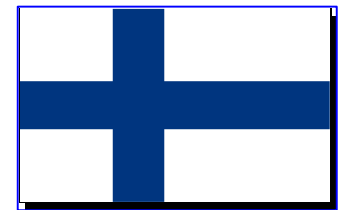




VT-2004 in Finland

Harri Haukka, Arto Oksanen



Activities in Finland

Jyväskylä: Nyrölä observatory for observing (video recording and timing of contacts) and web-cast of transit; Rihlaperä observatory open for public and one small telescope with solar filter on a pedestrian street in the center of town. Hundreds of people saw the transit through telescopes and the live image on web server was downloaded 60.000 times during the transit.



Observing the transit with binoculars and web camera mounted on top of telescope at Nyrölä observatory.



A young visitor looks through telescope at Rihlaperä observatory in Jyväskylä.

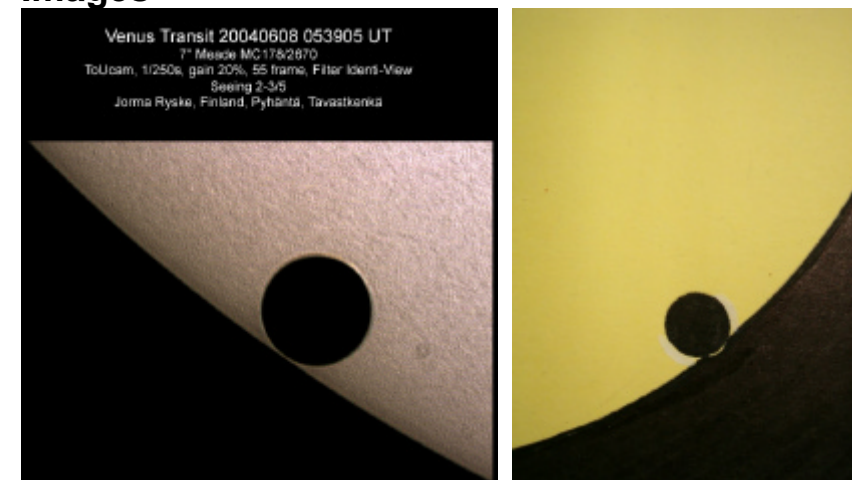
Varkaus: Open doors at Taurus Hill observatory, imaging and timing the transit with CCD-imager. About 200 visitors at the observatory during the transit.

Rest of Finland: Cloudy weather in Southern, more populated parts of Finland, including the capital Helsinki. The Eastern and Northern parts of the country had more clear skies. Several amateur observatories around the country had open doors for public. Astronomical Association Ursa ry collected all transit observations from Finnish amateurs.

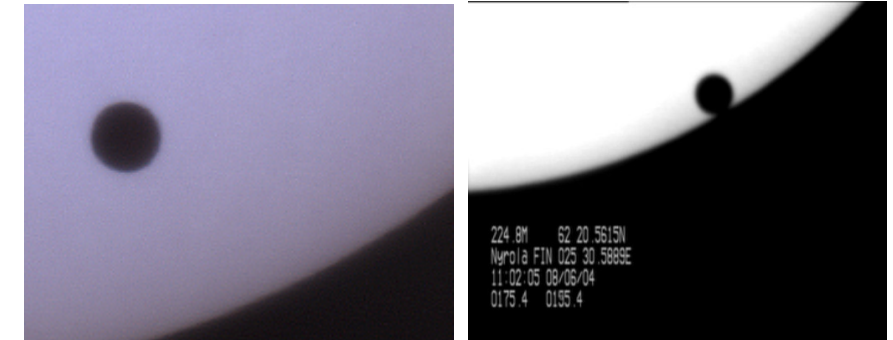
Contact timings

Observer(s)	Site	First contact	Second contact	Third contact	Fourth contact
Jani Virtanen	Ylivieska	05:18:49	05:36:36		
Warkauden Kassiopeia	Härkämäki	05:18:59	05:37:09	11:01:34	11:15:45
Veijo Kallio	Lumijoki		05:37:52	11:01:24	11:21:05
Jorma Ryske	Pyhäntä		05:38:49		
Arto Oksanen Petri Tikkanen	Nyrölä	05:19:10	05:38:58	11:01:30	11:21:12
Jalo Ojanperä	Rihlaperä	05:19:22	05:38:10	11:02:30	
Kimmo Höykinpuro	Laihia	05:19:38	05:38:32		
Jorma Koski	Kärkölä				11:21:25

Images



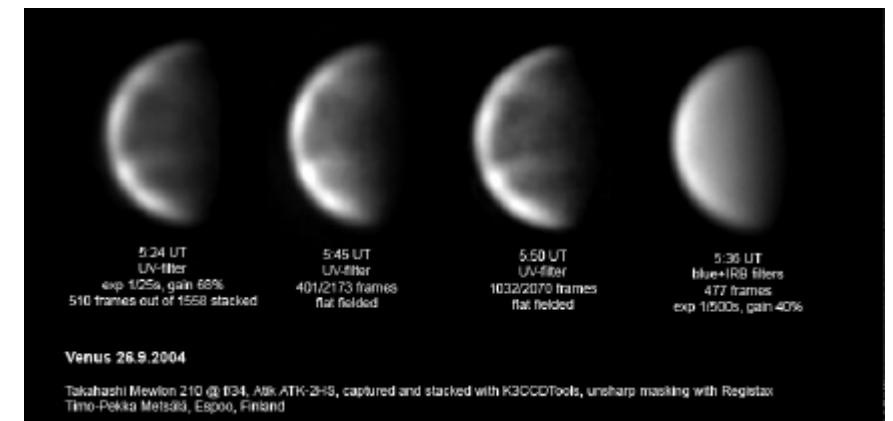
The atmosphere of Venus is visible on the web camera image by Jorma Ryske and this drawing by Jalo Ojanperä.



At Taurus Hill Observatory the transit was imaged with a CCD camera (left) and Nyrölä Observatory with video.



Transiting Venus with solar prominences imaged by Juhani Salmi. Juha Oksa captured very bright Venus near Pleiades with his digital camera in spring 2004.



Rare images of Venus in ultraviolet light by Timo-Pekka Metsälä.