

PSP E7: [Ground-Based Solar Observatories & Observing Plans](#)

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Observatory	Location/Time	Observations	POC
Mauna Loa Solar Observatory (MLSO)	Big Island of Hawaii, USA 19.5°N 155.6°W daily (1700-0200UT)	<ul style="list-style-type: none">• white light polarization brightness (pB)• coronal electron densities• 15s cadence	Joan Burkepile
Big Bear Solar Observatory (BBSO)	California, USA daily	<ul style="list-style-type: none">• imaging spectroscopy and polarimetry• 0.1" resolution	Haimin Wang Nengyi Huang
Dunn Solar Telescope	New Mexico, USA Jan 15-31 (1500-1700UT)	<ul style="list-style-type: none">• imaging and spectroscopy at multiple wavelengths• IR spectro-polarimetry	Damian Christian
Expanded Owens Valley Solar Array (EOVSA)	California, USA daily (1600-2400UT)	<ul style="list-style-type: none">• microwave spectra and imaging 1-18GHz• full-disk images 1/day at 6 frequency bands• full-Sun-integrated spectrograms, 1s cadence	Dale Gary Sherry Chhabra Bin Chen

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Sayan Solar Observatory	Russia 51.6°N 108.°E daily	<ul style="list-style-type: none"> • spectrograms and vector magnetograms.... • coronal observations 	Misha Demidov
Baikal Astrophysical Observatory	Russia 54.8°N 105.0°E daily	<ul style="list-style-type: none"> • Call K • magnetic field • 	Misha Demidov
Kislovodsk Observatory	Russia 43.7°N 42.3°E daily	<ul style="list-style-type: none"> • Radio observations at 3 and 5cm • full-disk Call K and Halpha (1m cadence) • photospheric magnetograms 	Andrey Tlatov
Fuxian Solar Observatory 1-m NVST telescope	China 24.6°N 103.0°E 0100-0800UT	<ul style="list-style-type: none"> • high-res photospheric (705.8nm) and chromospheric (656.3nm) imaging, 0.3arcsec 12s cadence 	Zhi Xu Xiaoli Yan
Huairou Solar Observing Station (HSOS)	China 40.4°N 116.6°E 0030-0830UT	<ul style="list-style-type: none"> • Halpha • photospheric vector magnetic fields • chromospheric LOS magnetic fields 	Xianyong Bai Mei Zhang
ONSET telescope	China		Pengfei Chen

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Istituto Ricerche Solari Locarno (IRSOL)	Locarno, Switzerland 46.2°N 8.8°E	<ul style="list-style-type: none"> • high-precision polarimetry in the CaI 422.7 nm limb (both limb and disk) • other possible lines include: Na I D1 and D2, He D3, H-alpha, and a C2 molecular band • (closed before January 18 2021) 	Renzo Ramelli Michele Bianda (note: infrastructure work, back observing after Jan 18)
Kanzelhöhe Observatory	Austria, 46.7°N 13.9°E Daily (~ 7:45-14UT)	<ul style="list-style-type: none"> • full-disk images in Halpha, CaII K, and white light • 10 images/minute (4 images/s in flare mode) 	Werner Pötzi
Hvar Observatory	Zagreb, Croatia 43.2°N 16.5°E 0600-1300UT	<ul style="list-style-type: none"> • Halpha and white light high cadence 2s images • fov 7 and 11 arcmin, 1" spatial resolution 	Jasa Calogovic (note: PSP 7 participation not confirmed)
Lomnický štít Solar Observatory	Slovakia 49.2°N 20.2°E	<ul style="list-style-type: none"> • Halpha, HeI 10830.... 	Jan Rybak Ales Kucera

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Pic du Midi	Pyrenees, France 42.9°N 0.1°E	<ul style="list-style-type: none"> • coronagraphic observations in Hα and HeI, possibly in Fe XII 1074nm • (closed before January 18 2021) 	Frederic Pitout Arturo Lopez Ariste (note: winter closure - back observing on Jan 18)
Meudon Observatory	France 48.8°N 2.3°E daily	<ul style="list-style-type: none"> • full disk Hα 	Jean-Marie Malherbe
Astronomical Observatory of Rome (PSPT)	Monte Porzio Catone, Rome, Italy	<ul style="list-style-type: none"> • full-disk CaII K, G-band, red and blue cont. • ~2" resolution, 0.1% pixel-to-pixel precision • 14s data 	Ilaria Ermolli (note: CaIIK images were taken Jan 18 0944-1017UT)
Catania Solar Observatory	Catania, Sicily, Italy 37.5°N 15.1°E	<ul style="list-style-type: none"> • full-disk images in Hα and cont. at 656nm • 2" spatial resolution • 1m cadence in campaign mode 	Paolo Romano

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NSO/GONG Network	Multiple locations ~90% duty cycle	<ul style="list-style-type: none"> • high-sensitivity magnetograms, velocity and intensity images at 1m cadence • near-real-time seismic images of the farside • Halpha imges at 20s cadence 	Alexei Pevtsov
Mitaka Observatory	Japan	<ul style="list-style-type: none"> • full disk Halpha, G-band, CaII K, cont • Halpha velocity maps • full-disk magnetograms in He 10830A, Si 10827A and Fe 15648A 	Yoichiro Hanaoka
Hida Observatory	Japan	<ul style="list-style-type: none"> • full-disk Halpha images • 	Kiyoshi Ichimoto (note: PSP 7 participation not confirmed)
Félix Aguilar Observatory	Argentina 31.8°S 69.3°W	<ul style="list-style-type: none"> • full-disk H-alpha center line with a 1m cadence • 30 THz camera (70% of the disk) with 1s cadence 	Carlos Francile (note: PSP 7 participation not confirmed)
Latin America Giant Observatory (LAGO)/ NEWRUS	Marambio, Antartica 64°S 57°W	<ul style="list-style-type: none"> • Cosmic rays 2-100GeV 	Sergio Dasso (note: osbervations were taken after Jan 17)