



Table 1: – PIRE GROWTH follow-up network of telescopes spanning optical, infrared (IR), ultra-violet (UV), X-ray and radio. Below we summarize location, mode, bandpass and sensitivity.

Facility	Location	Collecting Area (m ²)	Imaging	Spectroscopy	Bandpass	Sensitivity (1 hr imaging)
Palomar 200in Tel.	(33.35, -116.86)	19.6	✓	✓	Optical, IR	$m_V = 24.5$
Mount Laguna Obs.	(32.84, -116.43)	1.2	✓		Optical	21.0
Table Mountain Obs.	(34.38, -117.68)	0.78	✓	✓	Optical	18.0
Gemini North Obs.	(19.82, -155.47)	50.3	✓	✓	Optical	26.0
W. M. Keck Obs.	(19.82, -155.47)	78.5	✓	✓	Optical, IR	26.5
Murikabushi Obs.	(24.37, 124.14)	0.9	✓		Optical	22.3
Lulin 1-m Tel.	(23.67, 120.99)	0.78	✓		Optical	22.7
Himalayan Chandra Tel.	(32.78, 78.96)	3.1	✓	✓	Optical, IR	21.0
IUCAA Girawali Obs.	(19.07, 73.84)	3.1	✓	✓	Optical	21.0
WISE Obs.	(30.60, 34.76)	0.78	✓		Optical	21.0
STELLA Obs.	(28.30, -16.51)	1.1	✓		Optical	21.5
Nordic Optical Tel.	(28.76, -17.89)	5.1	✓	✓	Optical, IR	25.2
Fenton Hill Obs.	(35.88, -106.67)	0.13	✓		Optical	19.1
Discovery Channel Tel.	(34.74, -111.42)	13.9	✓	✓	Optical, IR	23.2
Giant Metrewave Radio Tel.	(19.08, 74.05)	1590	✓		50–1500 MHz	50 μ Jy rms
Expanded VLA Radio	(34.08, -107.61)	490	✓		73 MHz – 50 GHz	10 μ Jy rms
Swift XRT/UVOT	Low-Earth Orbit	0.07	✓		X-ray, UV	$m_{UV} = 22.0$

Also can include

- NARIT (Thailand) (18°. 34' 21" N, longitude 98° 29' 7" E) with 2.4-meter telescope and 21.0 limiting magnitude
- Langkawi Observatory (Malaysia) (6 18 25 N, longitude 99 46 52 E) with 0.5-meter telescope and 18.0 limiting magnitude
- BOAO (Korea) (36 10.0 N, 128 58.6 E) with 1.8-meter telescope and 21.0 limiting magnitude