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Supplemental Material

Journal of Hydrometeorology

Validation of Satellite and Ground Station-Based High-Resolution Rainfall Gridded Datasets
over the Philippines

<https://doi.org/10.1175/JHM-D-19-0276.1>

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Supplementary Table 1

List of PAGASA stations used for validation

<i>Station ID</i>	<i>Name</i>	<i>Latitude</i>	<i>Longitude</i>	<i>Elevation (m)</i>
132	Itbayat, Batanes	20.8014	121.8514	142.7
222	Vigan City, Ilocos Sur	17.8898	120.5344	33.0
223	Laoag City, Ilocos Norte	18.1828	120.5342	5.0
232	Aparri, Cagayan	18.3597	121.6304	3.0
233	Tuguegarao, Cagayan	17.6375	121.7525	62.0
324	Iba, Zambales	15.3262	119.9679	5.9
325	Dagupan City, Pangasinan	16.0867	120.3522	2.4
327	Clark Airport, Pampanga	15.1853	120.5489	154.8
328	Baguio City, Benguet	16.4039	120.6014	1500.0
330	Cabanatuan, Nueva Ecija	15.4715	120.9519	28.4
336	Casiguran, Quezon	16.2654	122.1288	4.0
425	Port Area (MCO), Manila	14.5869	120.9786	15.0
426	Cubi Pt., Subic Bay, Olongapo	14.7918	120.2709	19.1
427	Tayabas, Quezon	14.0148	121.6021	157.7
428	Sangley Point, Cavite	14.4916	120.8986	3.0
430	Science Garden, Quezon City	14.6447	121.0444	42.0
431	Calapan, Oriental Mindoro	13.4097	121.1894	40.5
432	Ambulong, Batangas	14.0900	121.0550	10.6
434	Infanta, Quezon	14.7464	121.6489	7.0
435	Alabat, Quezon	14.1057	122.0176	5.0
440	Daet, Camarines Norte	14.1286	122.9825	4.0
444	Legaspi City, Albay	13.1506	123.7283	17.0
446	Virac (SYNOP), Catanduanes	13.5791	124.2121	40.0
526	Coron, Palawan	12.0037	120.1998	14.0
531	San Jose, Occ. Mindoro	12.3608	121.0475	0.3
536	Romblon, Romblon	12.5907	122.2754	47.0
538	Roxas City, Aklan	11.6002	122.7497	4.0
543	Masbate, Masbate	12.3662	123.6294	10.0
546	Catarman, Northern Samar	12.5053	124.6283	6.6
548	Catbalogan, Western Samar	11.7750	124.8843	5.0
550	Tacloban City, Leyte	11.2256	125.0247	2.7
558	Guiuan, Eastern Samar	11.0453	125.7556	60.0
618	Puerto Princesa, Palawan	9.7403	118.7586	16.0
630	Cuyo, Palawan	10.8521	121.0080	4.0
637	Iloilo City, Iloilo	10.7131	122.5431	6.2
642	Dumaguete City, Negros Oriental	9.3331	123.2992	8.0
644	Tagbilaran City, Bohol	9.6669	123.8558	8.0
646	Mactan Intl. Airport, Cebu	10.3222	123.9800	12.0
648	Maasin, Southern Leyte	10.1390	124.8604	72.0
653	Surigao, Surigao del Norte	9.7827	125.4894	39.3
741	Dipolog, Zamboanga del Norte	8.6034	123.3454	3.7
746	Cotabato City, Maguindanao	7.1625	124.2150	44.9
747	El Salvador City, Misamis Oriental	8.5357	124.5580	182.0
751	Malaybalay, Bukidnon	8.1511	125.1339	609.3
752	Butuan City, Agusan del Norte	8.947	125.4824	17.7
753	Davao City, Davao del Sur	7.1278	125.6547	18.0
755	Hinatuan, Surigao del Sur	8.3664	126.3378	3.0
836	Zamboanga, Zamboanga del Sur	6.9194	122.0631	6.9
851	General Santos, South Cotabato	6.1167	125.1833	15.0