



**LANDSLIDE BULLETIN NO. 1**  
**FOR TAIL END OF FRONTAL SYSTEM**

Issued on 27 December 2021 at 2:00 pm


REFERENCE STATIONS AND AREAS OF INFLUENCE	SATELLITE RAINFALL FORECAST - ECMWF MODEL (mm)									
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
<b>Viga, Catanduanes (ARG)</b> Areas of Influence: <i>Panganiban, Caramoran, Viga, Baras, Gigmoto and San Miguel</i>										
December 27 (Monday)			6	4.8	5	4.9	6	4.9	31.6	<b>90.4</b>
December 28 (Tuesday)	3.7	2	0.7	1.6	1.7	2.8	1.3	0.8	14.6	<b>105.0</b>
December 29 (Wednesday)	0.8	1.5	0.9	2	1.8	1	1.4	1.6	11.0	<b>116.0</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Pandan, Catanduanes (AWS)</b> Areas of Influence: <i>Pandan and Bagamanoc</i>										
December 27 (Monday)			7	2.4	3.4	2.5	1.8	0.3	17.4	<b>76.2</b>
December 28 (Tuesday)	0.2	0.4		1.1	0.8	0.4	2		4.9	<b>81.1</b>
December 29 (Wednesday)	0.4	0.3	0.4	0.6	0.6	0.3	0.2	0.6	3.4	<b>84.5</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Virac, Catanduanes (ARG)</b> Areas of Influence: <i>Virac and Bato</i>										
December 27 (Monday)			1.9	1.4	1.7	1.1	1.7	2.7	10.5	<b>69.3</b>
December 28 (Tuesday)	1.6	1.3	0.3	0.3	0.8	0.5	0.3	0.2	5.3	<b>74.6</b>
December 29 (Wednesday)		0.2	0.2	0.5	0.6	0.2		0.2	1.9	<b>76.5</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>San Andres, Catanduanes</b> Area of Influence: <i>San Andres</i>										
December 27 (Monday)			1.7	1.8	1.5	1.1	1.4	2	9.5	<b>68.3</b>
December 28 (Tuesday)	1.5	0.7		0.4	0.7	0.6	0.2		4.1	<b>72.4</b>
December 29 (Wednesday)		0.2	0.2	0.5	0.5	0.2		0.2	1.8	<b>74.2</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Garchitorena, Camarines Sur (AWS)</b> Areas of Influence: <i>Garchitorena and Presentacion</i>										
December 27 (Monday)			16	22	11	11	6	3.9	69.9	<b>88.9</b>
December 28 (Tuesday)	1.6	3.2	0.6	1.3	1.5	0.9	0.9	0.7	10.7	<b>99.6</b>
December 29 (Wednesday)	0.6	1.2	0.8	1.2	0.8	0.7	1.1	1.3	7.7	<b>107.3</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Tinambac, Camarines Sur (AWS)</b> Areas of Influence: <i>Siruma, Tinambac, Naga City, Bombon, Calabanga and Manaca</i>										
December 27 (Monday)			1.6	1.2	3.2	1.6	6	2.2	15.8	<b>34.8</b>
December 28 (Tuesday)	3.2	0.4	0.2	1.1	1.2	1.3	0.4	0.3	8.1	<b>42.9</b>
December 29 (Wednesday)	0.2	0.4	0.4	0.5	0.9	0.5	0.4	0.2	3.5	<b>46.4</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Caramoan, Camarines Sur (AWS)</b> Areas of Influence: <i>Caramoan</i>										
December 27 (Monday)			7	4.5	5	2.7	3.1	2.7	25.0	<b>44.0</b>
December 28 (Tuesday)	1.2	0.2		0.4	0.4	0.2			2.4	<b>46.4</b>
December 29 (Wednesday)		0.3	0.2	0.8	0.6	0.4		0.2	2.5	<b>48.9</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Iriga City, Camarines Sur (AWS)</b> Areas of Influence: <i>Ocampo, Baao, Iriga City, Bubi and Saogay</i>										
December 27 (Monday)			1.2	1.5	1.5	1.2	2.1	4.6	12.1	<b>31.3</b>
December 28 (Tuesday)	4.6	3.2	1.3	0.3	1	0.7	0.4	0.2	11.7	<b>43.0</b>
December 29 (Wednesday)		0.5	0.6	0.9	0.8	0.5	0.2	0.4	3.9	<b>46.9</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Ragay, Camarines Sur (AWS)</b> Areas of Influence: <i>Del Gallego, Ragay, Lupi and Sipocot</i>										
December 27 (Monday)			0.9	0.8	0.9	0.7	6	5	14.3	<b>33.5</b>
December 28 (Tuesday)	0.8	0.8	0.2	0.7	0.8	0.5	0.2		4.0	<b>37.5</b>
December 29 (Wednesday)			0.2	0.4	0.5	0.4			1.5	<b>39.0</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Pasacao, Camarines Sur (AWS)</b> Areas of Influence: <i>Libmanan, Pasacao, Gainza, Pamplona, San Fernando, Camaligan, Canaman and San Pascual (Masbate)</i>										
December 27 (Monday)			0.2	1.8	4.1	1.6	1	4.2	12.9	<b>31.9</b>
December 28 (Tuesday)	3.7	0.9	0.3						4.9	<b>36.8</b>
December 29 (Wednesday)					0.2				0.2	<b>37.0</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Bula, Camarines Sur (AWS)</b> Areas of Influence: <i>Milaor, Minalabac, Bula, Pili, Nabua and Balatan</i>										
December 27 (Monday)			0.9	1.5	3.7	0.6	0.9	6	13.6	<b>130.2</b>
December 28 (Tuesday)	4.4	2.1	0.7		0.3				7.5	<b>137.7</b>
December 29 (Wednesday)				0.2	0.3				0.5	<b>138.2</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>San Jose, Camarines Sur (AWS)</b> Areas of Influence: <i>Goa, Tigaon, San Jose and Laagonov</i>										
December 27 (Monday)			3	6	14	8	3.2	7	41.2	<b>60.2</b>
December 28 (Tuesday)	2.6	0.5		0.7	1.4	0.8			6.0	<b>66.2</b>
December 29 (Wednesday)		0.3	0.2	0.7	1.3	0.4	0.3	0.2	3.4	<b>69.6</b>
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Labo, Camarines Norte (AWS)</b> Areas of Influence: <i>Labo, Baracale and Vinzons</i>										
December 27 (Monday)			8	6	8	7	12	4.7	45.7	<b>209.3</b>
December 28 (Tuesday)	1.8	1.3	0.9	0.9	1.7	0.9	0.4		7.9	<b>217.2</b>
December 29 (Wednesday)	0.2	0.3	0.7	1.1	1.2	0.5	0.6	0.6	5.2	<b>222.4</b>
<b>Landslides may start initiating December 27, 2021.</b>										
<b>Jose Panganiban, Camarines Norte (AWS)</b> Areas of Influence: <i>Jose Panganiban, Sta. Elena and Capalonga</i>										
December 27 (Monday)			4.4	10	21	10	12	2.8	60.2	<b>223.8</b>
December 28 (Tuesday)	1.5	0.9	0.6	0.2	0.4	0.3		0.2	4.1	<b>227.9</b>
December 29 (Wednesday)			0.2	0.5	0.4	0.3	0.2	0.2	1.8	<b>229.7</b>
<b>Landslides may start initiating December 27, 2021.</b>										

<b>Tulay na Lupa, Labo, Camarines Norte (ARG)</b>	<b>2am PST</b>	<b>5am PST</b>	<b>8am PST</b>	<b>11am PST</b>	<b>2pm PST</b>	<b>5pm PST</b>	<b>8pm PST</b>	<b>11pm PST</b>	<b>Daily Total</b>	<b>Accumulated</b>
Areas of Influence: <i>San Vicente and San Lorenzo Ruiz</i>										
December 27 (Monday)			10	9	10	11	18	10	68.0	379.0
December 28 (Tuesday)	2.4	1.6	2.9	3.3	3.8	3	1.8	0.4	16.3	395.3
December 29 (Wednesday)	1	1.7	2.3	4.3	3	1.4	1.8	2.2	17.7	413.0
<b>Landslides may start initiating December 27, 2021.</b>										
<b>Daet, Camarines Norte (ARG)</b>	<b>2am PST</b>	<b>5am PST</b>	<b>8am PST</b>	<b>11am PST</b>	<b>2pm PST</b>	<b>5pm PST</b>	<b>8pm PST</b>	<b>11pm PST</b>	<b>Daily Total</b>	<b>Accumulated</b>
Areas of Influence: <i>Daet, Mercedes, Basud and Talisay</i>										
December 27 (Monday)			15	9	12	15	19	4.3	74.3	237.9
December 28 (Tuesday)	2.1	1.3	0.9	0.6	0.6	0.8	0.7		7.0	244.9
December 29 (Wednesday)	0.4	0.6	0.4	1.3	1.4	0.7	0.9	0.6	6.3	251.2
<b>Landslides may start initiating December 27, 2021.</b>										
<b>Matnog, Sorsogon (ARG)</b>	<b>2am PST</b>	<b>5am PST</b>	<b>8am PST</b>	<b>11am PST</b>	<b>2pm PST</b>	<b>5pm PST</b>	<b>8pm PST</b>	<b>11pm PST</b>	<b>Daily Total</b>	<b>Accumulated</b>
Areas of Influence: <i>Irosin, Matnog and Bulan</i>										
December 27 (Monday)			1.1	2	1.9	1.6	1.8	3.4	11.8	110.2
December 28 (Tuesday)	3.1	2.8	1.6	1.9	2.4	1.1	1.3	1.3	15.5	125.7
December 29 (Wednesday)	1	0.7	0.5	1.1	1.3	1	0.9	0.8	7.3	133.0
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Barcelona, Sorsogon (AWS)</b>	<b>2am PST</b>	<b>5am PST</b>	<b>8am PST</b>	<b>11am PST</b>	<b>2pm PST</b>	<b>5pm PST</b>	<b>8pm PST</b>	<b>11pm PST</b>	<b>Daily Total</b>	<b>Accumulated</b>
Areas of Influence: <i>Gubat, Casiguran and Barcelona</i>										
December 27 (Monday)			5	13	13	7	13	11	62.0	160.4
December 28 (Tuesday)	8	10	2	3	4.6	2.3	1.4	0.4	31.7	192.1
December 29 (Wednesday)	0.8	0.6	0.6	0.3	6	1.2	0.6	0.8	10.9	203.0
<b>Accumulated forecast satellite rainfall may trigger landslides.</b>										
<b>Castilla, Sorsogon (AWS)</b>	<b>2am PST</b>	<b>5am PST</b>	<b>8am PST</b>	<b>11am PST</b>	<b>2pm PST</b>	<b>5pm PST</b>	<b>8pm PST</b>	<b>11pm PST</b>	<b>Daily Total</b>	<b>Accumulated</b>
Areas of Influence: <i>Pilar, Castilla, Sorsogon City, Magallanes and Manito (Albuan)</i>										
December 27 (Monday)			0.6	1.7	2	1.4	1.1	1.9	8.7	87.2
December 28 (Tuesday)	3.1	2	2.1	2	1.5	0.6	0.4	0.3	12.0	99.2
December 29 (Wednesday)	1.1	0.7	0.2	0.7	0.8	0.6	0.4	0.4	4.9	104.1
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Bulusan, Sorsogon (ARG)</b>	<b>2am PST</b>	<b>5am PST</b>	<b>8am PST</b>	<b>11am PST</b>	<b>2pm PST</b>	<b>5pm PST</b>	<b>8pm PST</b>	<b>11pm PST</b>	<b>Daily Total</b>	<b>Accumulated</b>
Areas of Influence: <i>Bulusan, Juban and Sta. Magdalena</i>										
December 27 (Monday)			3.1	5	4.6	4.2	9	7	32.9	131.3
December 28 (Tuesday)	9	9	1.9	2.3	4.1	2	2	2	32.3	163.6
December 29 (Wednesday)	1.4	1	0.8	1.4	1.9	2.7	1.7	2	12.9	176.5
<b>Accumulated forecast satellite rainfall may trigger landslides.</b>										
<b>Masbate City, Masbate (AWS)</b>	<b>2am PST</b>	<b>5am PST</b>	<b>8am PST</b>	<b>11am PST</b>	<b>2pm PST</b>	<b>5pm PST</b>	<b>8pm PST</b>	<b>11pm PST</b>	<b>Daily Total</b>	<b>Accumulated</b>
Areas of Influence: <i>Masbate City, Mobo, Uson, Cawayan, San Jacinto, San Fernando, Batuan, Placer Dimasalang, Palanas, Pio V. Coruz, Cataingan and Esperanza</i>										
December 27 (Monday)			0.5	1.1	1.2	0.8	0.8	0.5	4.9	24.5
December 28 (Tuesday)	1.1	0.4	0.6	1.2	0.8	0.3	0.5		4.9	29.4
December 29 (Wednesday)			0.2	0.2	0.3	0.9			1.6	31.0
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Mandaon, Masbate (AWS)</b>	<b>2am PST</b>	<b>5am PST</b>	<b>8am PST</b>	<b>11am PST</b>	<b>2pm PST</b>	<b>5pm PST</b>	<b>8pm PST</b>	<b>11pm PST</b>	<b>Daily Total</b>	<b>Accumulated</b>
Areas of Influence: <i>Mandaon, Milagros and Balud</i>										
December 27 (Monday)				0.7	1.1	0.6	0.2	0.2	2.8	22.4
December 28 (Tuesday)	0.4	0.2	0.2	0.7	0.9	0.3			2.7	25.1
December 29 (Wednesday)						0.2			0.2	25.3
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Aroroy, Masbate (ARG)</b>	<b>2am PST</b>	<b>5am PST</b>	<b>8am PST</b>	<b>11am PST</b>	<b>2pm PST</b>	<b>5pm PST</b>	<b>8pm PST</b>	<b>11pm PST</b>	<b>Daily Total</b>	<b>Accumulated</b>
Areas of Influence: <i>Aroroy, Baleno, Claveria and Monreal</i>										
December 27 (Monday)			0.3	0.3	0.9	1.4	2.1	3.7	8.7	42.2
December 28 (Tuesday)	3.9	1.6	0.5	0.3	0.4	0.5	0.2	0.4	7.8	50.0
December 29 (Wednesday)	0.2	0.2	0.2	0.2					0.8	50.8
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
Communities and the Local Disaster Risk and Reduction Management Councils are advised to take the necessary precautionary measures and watch for the next bulletin.										

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