



**LANDSLIDE BULLETIN NO. 7**  
**FOR TYPHOON ODETTE**


Issued on 17 December 2021 at 6:00 am  
Next bulletin: 17 December 2021 at 6:00 pm

REFERENCE STATIONS AND AREAS OF INFLUENCE	SATELLITE RAINFALL FORECAST - GFS MODEL (mm)									
<b>Viga, Catanduanes (ARG)</b> Areas of Influence: <i>Panganiban, Caramoran, Viga, Baras, Gigmoto and San Miguel</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			1.2	2.4	2.6	1.4	0.6	0.4	8.6	59.5
December 14 (Tuesday)	0.4	0.4	0.8	0.6	0.3	0.4	0.2	0.3	3.4	62.9
December 15 (Wednesday)	1	0.6	0.7	0.7	0.7	0.9	1.4	2.1	8.1	71.0
December 16 (Thursday)	2.9	2.5	1.3	1.8	4.1	6	4.3	5	27.9	98.9
December 17 (Friday)	6	6	4.3	2.9	2.7	1.6	1	2.8	27.3	126.2
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
<b>Pandan, Catanduanes (AWS)</b> Areas of Influence: <i>Pandan and Bagamanoc</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			2.1	2.2	3.4	1.5	0.6	0.4	10.2	63.1
December 14 (Tuesday)	0.5	0.4	1.6	1	0.5	0.6	0.2	0.4	5.2	68.3
December 15 (Wednesday)	1.1	1	0.9	0.6	0.4	1.3	2.1	2.8	10.2	78.5
December 16 (Thursday)	3.9	3.3	2	1.7	1.8	6	3.5	2.1	24.3	102.8
December 17 (Friday)	3.1	4	2.2	1.8	2.2	1.4	0.6	3.2	18.5	121.3
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
<b>Virac, Catanduanes (ARG)</b> Areas of Influence: <i>Virac and Bato</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			0.9	2.1	2.3	2.0	0.9	0.5	8.7	72.7
December 14 (Tuesday)	0.2	0.2	0.5	0.5	0.2	0.2			1.6	74.3
December 15 (Wednesday)	0.5	0.3	0.3	0.5	0.3	0.3	0.5	1	3.7	78.0
December 16 (Thursday)	1	1.2	0.4	1	3.2	3.8	3	4	17.6	95.6
December 17 (Friday)	3.6	4.3	3.7	3.1	3	2.3	2.2	3.9	26.1	121.7
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
<b>San Andres, Catanduanes</b> Area of Influence: <i>San Andres</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			0.9	2.5	3.6	2.3	0.6	0.3	10.2	52.1
December 14 (Tuesday)	0.2	0.2	0.9	0.8	0.4	0.2		0.2	2.9	55.0
December 15 (Wednesday)	0.5	0.4	0.3	0.5	0.3	0.3	0.5	1	3.8	58.8
December 16 (Thursday)	1.6	1.3	0.7	0.9	2.8	5	3.8	4.1	20.2	79.0
December 17 (Friday)	3.9	4.3	3	2.1	2	1.3	0.7	1.7	19.0	98.0
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
<b>Garchitorea, Camarines Sur (AWS)</b> Areas of Influence: <i>Garchitorea and Presentacion</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			3.1	4.6	5.0	3.9	2.1	1.0	19.7	73.8
December 14 (Tuesday)	0.4	0.3	1	1.7	0.7	0.5	0.5	0.7	5.8	79.6
December 15 (Wednesday)	0.9	1.3	1	0.9	0.3	0.7	1.9	2	9.0	88.6
December 16 (Thursday)	3.6	2.9	2.8	1	1.4	7	4.5	3.1	26.3	114.9
December 17 (Friday)	3.5	4.8	3.8	2.5	3	2	0.8	1.6	22.0	136.9
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
<b>Tinambac, Camarines Sur (AWS)</b> Areas of Influence: <i>Siruma, Tinambac, Naga City, Bombon, Calabanga and Maqarao</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			1.4	3.5	3.5	3.0	1.3	0.8	13.5	60.4
December 14 (Tuesday)	0.4	0.2	0.3	0.6	0.5	0.2	0.3	0.5	3.0	63.4
December 15 (Wednesday)	0.4	0.8	0.7	1	0.5	0.3	0.9	1.3	5.9	69.3
December 16 (Thursday)	2.9	2.4	2.6	1.4	1.7	5	5	4.5	25.5	94.8
December 17 (Friday)	4.1	3.2	1.9	1.5	1.6	0.7	0.7	0.3	14.0	108.8
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
<b>Caramoan, Camarines Sur (AWS)</b> Areas of Influence: <i>Caramoan</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			1.6	3.5	4.3	3.6	1.3	0.6	14.9	61.8
December 14 (Tuesday)	0.3	0.2	1.2	1.5	0.8	0.3	0.3	0.5	5.1	66.9
December 15 (Wednesday)	0.4	0.9	0.6	0.5	0.2	0.5	1.3	1.2	5.6	72.5
December 16 (Thursday)	2.2	1.8	1.7	0.7	1.6	6	4.1	3.2	21.3	93.8
December 17 (Friday)	3.3	4.7	3.4	2.2	2.2	1.6	0.7	1	19.1	112.9
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
<b>Iriga City, Camarines Sur (AWS)</b> Areas of Influence: <i>Ocampo, Baao, Iriga City, Buhi and Sagñay</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			0.6	1.2	2.5	2.1	0.7	0.6	7.7	23.5
December 14 (Tuesday)	0.4	0.3	0.3	0.7	0.7		0.2	0.2	2.8	26.3
December 15 (Wednesday)		0.2	0.3	0.6	0.4	0.2	0.4	0.7	2.8	29.1
December 16 (Thursday)	1.1	1	1.1	1	1.5	8	7	3.2	23.9	53.0
December 17 (Friday)	2.7	3.2	2.5	3.6	1.5	1.5	1.3	0.5	16.8	69.8
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
<b>Ragay, Camarines Sur (AWS)</b> Areas of Influence: <i>Del Gallego, Ragay, Lupi and Sipocot</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			0.6	1.1	2.1	1.1	0.7	0.3	5.9	21.7
December 14 (Tuesday)	0.4	0.3	0.3	0.7	0.7			0.3	2.7	24.4
December 15 (Wednesday)		0.3	0.4	0.5	0.3		0.2	0.4	2.1	26.5
December 16 (Thursday)	0.6	0.6	0.6	0.8	1.1	1.1	2.6	3.3	10.7	37.2
December 17 (Friday)	2.7	1.8	0.7	0.7	1.2	1.3	1.2		9.6	46.8
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
<b>Pasacao, Camarines Sur (AWS)</b> Areas of Influence: <i>Libmanan, Pasacao, Gainza, Pamplona, San Fernando, Camaligan, Canaman and San Pascual (Masbate)</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)									0.0	350.0
December 14 (Tuesday)				0.2	0.3				0.5	350.5
December 15 (Wednesday)				0.2	0.3				0.5	351.0
December 16 (Thursday)			0.2	0.2	0.3	1.7	2.4	1.5	6.3	357.3
December 17 (Friday)	2.1	0.7		1.2	1.3	2	1.7		9.0	366.3
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
<b>Bula, Camarines Sur (AWS)</b> Areas of Influence: <i>Milaor, Minalabac, Bula, Pili, Nabua and Balatan</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			0.2	0.8	1.8	1.5	0.2	0.2	4.7	188.4
December 14 (Tuesday)				0.3	0.5			0.2	1.0	189.4
December 15 (Wednesday)				0.2	0.2	0.2	0.2	0.3	1.1	190.5
December 16 (Thursday)	0.4	0.4	0.6	0.3	0.5	4.9	4.7	1.9	13.7	204.2
December 17 (Friday)	1.4	1.3	0.8	2.1	0.6	1.3	1.7		9.2	213.4
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										

<b>San Jose, Camarines Sur (AWS)</b>										
Areas of Influence: <i>Goa, Tigaon, San Jose and Lagonoy</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			1.5	3.5	4.1	3.5	1.7	1.2	15.5	78.6
December 14 (Tuesday)	0.7	0.4	0.6	1.1	1	0.3	0.4	0.6	5.1	83.7
December 15 (Wednesday)	0.3	0.6	0.9	1.5	0.8	0.6	1.2	1.7	7.6	91.3
December 16 (Thursday)	3.5	2.5	3.3	1.7	2.2	8	7	6	34.2	125.5
December 17 (Friday)	6	5	3.8	3.2	2.6	1.2	0.7	0.5	23.0	148.5
<b>Accumulated forecast satellite rainfall may trigger landslides.</b>										
<b>Labo, Camarines Norte (AWS)</b>										
Areas of Influence: <i>Labo, Paracala and Vinzons</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			2.9	3.1	3.6	3.1	2.4	1.1	16.2	65.8
December 14 (Tuesday)	0.5	0.5	0.5	0.2		0.2	0.3	0.4	2.6	68.4
December 15 (Wednesday)	0.7	1.5	1.4	1.7	1.2	0.5	0.7	1.5	9.2	77.6
December 16 (Thursday)	2.7	3.5	3.3	2	2.1	2	2.5	9	27.1	104.7
December 17 (Friday)	5	4.1	3.2	2	2.8	2.3	1.8	1.1	22.3	127.0
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Jose Panganiban, Camarines Norte (AWS)</b>										
Areas of Influence: <i>Jose Panganiban, Sta. Elena and Capalonga</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			4.1	4.2	4.3	4.0	3.1	1.5	21.2	74.7
December 14 (Tuesday)	0.4	0.5	0.4			0.2	0.3	0.5	2.3	77.0
December 15 (Wednesday)	0.7	1.6	1.3	1.7	1.1	0.4	0.6	1.6	9.0	86.0
December 16 (Thursday)	2.6	3.4	3.4	2.3	2.2	2.3	3.1	9	28.3	114.3
December 17 (Friday)	5	3.8	3.3	1.9	2.9	2.4	2.5	1.3	23.1	137.4
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Tulay na Lupa, Labo, Camarines Norte (ARG)</b>										
Areas of Influence: <i>San Vicente and San Lorenzo Ruiz</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			5.0	6.0	8.0	4.5	4.1	3.0	30.6	108.5
December 14 (Tuesday)	0.5	0.5	0.4	0.2		0.2	0.3	0.5	2.6	111.1
December 15 (Wednesday)	0.5	1.1	1.2	1.8	2.7	3.6	1.9	2.6	15.4	126.5
December 16 (Thursday)	2	2.5	2.5	2.1	2.3	2.2	3.6	8	25.2	151.7
December 17 (Friday)	5	4.1	2.5	1.6	2.2	1.6	1.3	0.7	19.0	170.7
<b>Accumulated forecast satellite rainfall may trigger landslides.</b>										
<b>Daet, Camarines Norte (ARG)</b>										
Areas of Influence: <i>Daet, Mercedes, Basud and Talisay</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)			4.7	4.5	8.0	6.0	5.0	2.6	30.8	176.9
December 14 (Tuesday)	6	0.5	0.4	0.2		0.3	0.4	0.7	8.5	185.4
December 15 (Wednesday)	0.6	1.6	1.5		0.4	0.2	1.1	0.5	5.9	191.3
December 16 (Thursday)	3.2	4.2	3.2	2.2	1.9	2.8	4.9	7	29.4	220.7
December 17 (Friday)	3.9	3.8	3	1.8	2.8	2.5	2	1.8	21.6	242.3
<b>Accumulated forecast satellite rainfall may trigger landslides.</b>										
<b>Matnog, Sorsogon (ARG)</b>										
Areas of Influence: <i>Irosin, Matnog and Bulan</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)				0.5	0.7	0.5			1.7	45.4
December 14 (Tuesday)	0.4	0.2	0.3	0.3	0.6	0.3	0.2		2.3	47.7
December 15 (Wednesday)	0.2	0.5	1.2	0.9	1.1	0.6	1.2	2.5	8.2	55.9
December 16 (Thursday)	3.9	3.6	2.2	3.8	13	5	5	4.2	40.7	96.6
December 17 (Friday)	3.2	1.9	1.3	2.1	4.5	4.6	1.7	0.3	19.6	116.2
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Barcelona, Sorsogon (AWS)</b>										
Areas of Influence: <i>Gubat, Casiguran and Barcelona</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)				1.7	2	1.7	1	0.5	6.9	76.2
December 14 (Tuesday)	0.7	0.2	0.6	0.6	0.6	0.4	0.4		3.5	79.7
December 15 (Wednesday)	0.6	0.9	1.7	1.4	1.4	1.4	2.5	3.5	13.4	93.1
December 16 (Thursday)	4.4	3.8	2.7	4.3	10	4.7	4.1	3.3	37.3	130.4
December 17 (Friday)	3.2	2.5	2.1	3.3	4.6	6	4.5	2.5	28.7	159.1
<b>Accumulated forecast satellite rainfall may trigger landslides.</b>										
<b>Castilla, Sorsogon (AWS)</b>										
Areas of Influence: <i>Pilar, Castilla, Sorsogon City, Magallanes and Manito (Albay)</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)				0.3	0.3	0.3			0.9	402.9
December 14 (Tuesday)	0.2		0.3	0.6	0.5				1.6	404.5
December 15 (Wednesday)	0.2	0.2	0.6	0.8	0.4	0.3	0.7	1.2	4.4	408.9
December 16 (Thursday)	1.7	1.4	0.8	2.1	7	4.6	5	5	27.6	436.5
December 17 (Friday)	3.2	2.5	2.1	3.3	4.6	6	4.5	2.5	28.7	465.2
<b>Accumulated forecast satellite rainfall may trigger landslides.</b>										
<b>Bulusan, Sorsogon (ARG)</b>										
Areas of Influence: <i>Bulusan, Juban and Sta. Magdalena</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)				1.4	1.3	0.9	0.6	0.2	4.4	62.0
December 14 (Tuesday)	0.7	0.2	0.4	0.5	0.7	0.4	0.4		3.3	65.3
December 15 (Wednesday)	0.4	0.8	1.7	1.4	1.6	1.2	2.2	3.3	12.6	77.9
December 16 (Thursday)	4.7	4.3	2.8	4.6	13	5	5	3.9	43.3	121.2
December 17 (Friday)	3.2	2.3	1.6	2.5	4.6	6	3.9	1.9	26.0	147.2
<b>Accumulated forecast satellite rainfall may trigger landslides.</b>										
<b>Masbate City, Masbate (AWS)</b>										
Areas of Influence: <i>Masbate City, Mobo, Uson, Cawayan, San Jacinto, San Fernando, Batuan, Placer Dimasalang, Palanas, Pio V. Corpuz, Cataingan and Esperanza</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)					0.3	0.4			0.7	32.3
December 14 (Tuesday)				0.4					0.4	32.7
December 15 (Wednesday)				0.6			0.2	0.2	1.0	33.7
December 16 (Thursday)	0.9	0.4	0.2	0.3	11	2	2.7	4.5	22.0	55.7
December 17 (Friday)	1.9	0.5	2.3	1.6	1.6	0.7	0.3		8.9	64.6
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Mandaon, Masbate (AWS)</b>										
Areas of Influence: <i>Mandaon, Milagros and Balud</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)					0.2	0.3	0.3		0.8	28.9
December 14 (Tuesday)				0.6					0.6	29.5
December 15 (Wednesday)				0.5					0.5	30.0
December 16 (Thursday)	0.2				9	2	1.9	4	17.1	47.1
December 17 (Friday)	1.1	0.3	1.6	1.2	1.5	0.3			6.0	53.1
<b>Accumulated forecast satellite rainfall is unlikely to initiate landslides.</b>										
<b>Aroroy, Masbate (ARG)</b>										
Areas of Influence: <i>Aroroy, Baleno, Claveria and Monreal</i>										
	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
December 13 (Monday)						0.4			0.4	46.9
December 14 (Tuesday)				0.6	0.2				0.8	47.7
December 15 (Wednesday)				0.6		0.2	0.4	0.3	1.5	49.2
December 16 (Thursday)	0.6	0.3		0.4	6	2.9	2.3	3.3	15.8	65.0
December 17 (Friday)	2.4	0.7	0.9	2	2.5	0.8	0.3		9.6	74.6
<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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