




LANDSLIDE BULLETIN NO. 4
FOR TROPICAL DEPRESSION AGATON

Issued on 12 April 2022 at 6:00 am
Next Bulletin is on 12 April 2022 at 6 pm

REFERENCE STATIONS AND AREAS OF INFLUENCE	SATELLITE RAINFALL FORECAST - GFS MODEL (mm)									
Viga, Catanduanes (ARG) 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
April 9 (Saturday)			0.8	0.7	0.7	0.7	0.5	3.0	6.4	22.4
April 10 (Sunday)	1.1	1.0	2.3	2.0	1.0	2.0	2.3	2.4	14.1	36.5
April 11 (Monday)	3.9	4.1	3.8	3.3	2.9	4.0	4.9	3.1	30.0	66.5
April 12 (Tuesday)	2.4	1.9	1.8	2.0	1.8	1.3	2.1	1.1	14.4	80.9
Accumulated ground rainfall and forecast satellite rainfall is unlikely to initiate landslides.										
Pandan, Catanduanes (AWS) 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
April 9 (Saturday)			1.1	1.6	0.7	1.1	1.0	3.6	9.1	152.1
April 10 (Sunday)	1.3	1.5	1.7	2.7	1.8	1.8	2.5	2.4	15.7	167.8
April 11 (Monday)	3.1	3.3	3.5	3.7	3.6	6.0	7.0	4.5	34.7	202.5
April 12 (Tuesday)	2.6	2.2	2.4	2.4	2.8	2.8	3.5	3.1	21.8	224.3
Landslides may start initiating on 11 April 2022.										
Virac, Catanduanes (ARG) 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
April 9 (Saturday)			0.7	0.5	0.8	0.2	0.2	2.5	4.9	87.6
April 10 (Sunday)	1.0	0.7	2.8	3.4	2.2	1.5	2.4	2.7	16.7	104.3
April 11 (Monday)	6.0	4.2	5.0	6.0	11.0	3.7	3.1	2.5	41.5	145.8
April 12 (Tuesday)	3.3	2.6	2.3	1.6	3.2	3.0	2.5	1.6	20.1	165.9
Accumulated ground rainfall and forecast satellite rainfall may trigger landslides.										
San Andres, Catanduanes 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
April 9 (Saturday)			0.4	0.6	0.3	0.4	0.6	2.7	5.0	20.0
April 10 (Sunday)	1.9	0.8	1.6	3.3	2.2	0.9	1.8	2.2	14.7	34.7
April 11 (Monday)	4.2	3.8	3.2	3.7	4.3	4.5	5.0	3.6	32.3	67.0
April 12 (Tuesday)	3.0	1.7	1.9	1.7	2.1	2.7	3.2	1.5	17.8	84.8
Accumulated ground rainfall and forecast satellite rainfall is unlikely to initiate landslides.										
Garchitorena, Camarines Sur (AWS) Areas of Influence: <i>Garchitorena and Presentacion</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
April 9 (Saturday)			1.0	2.9	1.3	0.5	0.7	3.0	9.4	9.4
April 10 (Sunday)	2.9	1.1	1.4	3.2	3.4	0.9	2.1	3.4	18.4	27.8
April 11 (Monday)	4.3	4.5	4.1	4.2	5.0	7.0	11	6.0	46.1	73.9
April 12 (Tuesday)	3.1	3.2	2.3	2.3	3.0	4.2	2.9	2.2	23.2	97.1
Accumulated ground rainfall and forecast satellite rainfall is unlikely to initiate landslides.										
Tinambac, Camarines Sur (AWS) 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
April 9 (Saturday)			0.3	0.9	1.8			1.6	4.6	4.6
April 10 (Sunday)	1.5	0.3	0.4	1.4	2.9	0.6	0.3	2	9.4	14.0
April 11 (Monday)	3.9	3.4	3.5	3.7	5	6.0	13.0	6.0	44.5	58.5
April 12 (Tuesday)	3.0	2.7	1.3	1.3	1.4	1.4	0.7	0.3	12.1	70.6
Accumulated ground rainfall and forecast satellite rainfall is unlikely to initiate landslides.										
Caramoan, Camarines Sur (AWS) 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
April 9 (Saturday)			0.7	1.7	0.5	0.4	0.7	2.9	6.9	6.9
April 10 (Sunday)	3.0	1.0	1.1	3.8	3.0	0.6	2.0	3.3	17.8	24.7
April 11 (Monday)	3.8	4.1	3.2	4.0	4.4	6.0	9.0	6.0	40.5	65.2
April 12 (Tuesday)	3.2	4.0	4.8	5.0	3.4	3.0	3.8	2.2	29.4	94.6
Accumulated ground rainfall and forecast satellite rainfall is unlikely to initiate landslides.										
Iriga City, Camarines Sur (AWS) Areas of Influence: <i>Ocampo, Baao, Iriga City, Buhí and Sağñay</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
April 9 (Saturday)					0.3			0.4	0.7	56.7
April 10 (Sunday)	0.4		0.2	1.2	1.8	0.6	0.5	1.5	6.2	62.9
April 11 (Monday)	4.1	5.0	3.5	17.0	27.0	4.4	5.0	3.8	69.8	132.7
April 12 (Tuesday)	2.3	2.2	0.8	1.0	1.9	1.9	0.2	0.6	10.9	143.6
Accumulated ground rainfall and forecast satellite rainfall may trigger landslides.										
Ragay, Camarines Sur (AWS) 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
April 9 (Saturday)				0.3	0.2			0.9	1.4	57.4
April 10 (Sunday)	0.6			0.2	0.9			0.2	1.9	59.3
April 11 (Monday)	0.9	0.9	1.4	3.5	3.2	7.0	16.0	5.0	37.9	97.2
April 12 (Tuesday)	3.2	6.0	4.0	3.8	1.9	0.3			19.2	116.4
Accumulated ground rainfall and forecast satellite rainfall is unlikely to initiate landslides.										
Pasacao, Camarines Sur (AWS) 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
April 9 (Saturday)					0.5			1.2	1.7	12.9
April 10 (Sunday)	0.6			0.3	2.0	0.2	0.3		3.4	16.3
April 11 (Monday)	0.5	1.1	1.2	16.0	11.0	4.8	12.0	7.0	53.6	69.9
April 12 (Tuesday)	3.0	4.0	1.1	1.3	0.8	0.3		0.3	10.8	80.7
Accumulated ground rainfall and forecast satellite rainfall is unlikely to initiate landslides.										
Bula, Camarines Sur (AWS) 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
April 9 (Saturday)					0.6			0.2	0.8	117.4
April 10 (Sunday)	0.2			0.5	1.0	0.2		0.6	2.5	117.4
April 11 (Monday)	1.4	2.4	1.6	16.0	18.0	4.4	7.0	4.9	53.5	117.4
April 12 (Tuesday)	2.7	1.7	2.0	3.9	2.9	0.8			14.3	117.4
Accumulated ground rainfall and forecast satellite rainfall is unlikely to initiate landslides.										
San Jose, Camarines Sur (AWS) 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
April 9 (Saturday)			0.3	1.0	1.1	1.6	0.8	1.3	6.1	62.1
April 10 (Sunday)	1.2	0.2	0.3	2.6	3.9	0.9	0.7	3.2	13.0	75.1
April 11 (Monday)	5.0	4.8	3.9	7.0	13.0	4.7	12.0	7.0	57.4	132.5
April 12 (Tuesday)	3.1	2.7	1.1	1.0	1.5	1.7	0.6	0.4	12.1	144.6
Accumulated ground rainfall and forecast satellite rainfall may trigger landslides.										

Labo, Camarines Norte (AWS) Areas of Influence: <i>Labo, Paracale and Vinzons</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
April 9 (Saturday)			0.2	1.2	1.5	1.6	0.8	1.3	6.6	169.6
April 10 (Sunday)	1.3	0.2	1.0	1.7	1.8	1.3	0.6	1.2	9.1	178.7
April 11 (Monday)	2.4	3.0	2.9	3.1	3.3	6.0	8.0	5.0	33.7	212.4
April 12 (Tuesday)	3.4	4.5	2.8	2.8	1.8	1.5		0.2	17.0	229.4
Landslides may start initiating on 11 April 2022.										
Jose Panganiban, Camarines Norte (AWS) 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
April 9 (Saturday)			0.2	1.1	1.5	1.4	0.8	1.5	6.5	6.5
April 10 (Sunday)	1.8		0.9	1.9	1.9	1.4	0.9	1.1	9.9	16.4
April 11 (Monday)	2.2	2.9	3.0	3.1	3.4	6.0	6.0	4.8	31.4	47.8
April 12 (Tuesday)	3.4	3.9	3.2	3.1	2.0	1.7		0.2	17.5	65.3
Accumulated ground rainfall and forecast satellite rainfall is unlikely to initiate landslides.										
Tulay na Lupa, Labo, Camarines Norte (ARG) 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
April 9 (Saturday)			0.2	1.0	1.0	1.0	0.5	0.8	4.5	67.0
April 10 (Sunday)	0.8		0.6	1.2	1.4	0.9	0.4	0.9	6.2	73.2
April 11 (Monday)	2.0	2.3	2.4	2.8	2.9	6.0	9.0	5.0	32.4	105.6
April 12 (Tuesday)	2.9	4.7	2.2	2.2	1.2	0.8			14.0	119.6
Accumulated ground rainfall and forecast satellite rainfall is unlikely to initiate landslides.										
Daet, Camarines Norte (ARG) 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
April 9 (Saturday)			0.4	1.5	2.3	1.9	1.0	1.3	8.4	86.9
April 10 (Sunday)	2.0	0.5	1.5	1.8	2.6	1.3	0.6	1.9	12.2	99.1
April 11 (Monday)	3.1	3.2	3.4	3.5	3.6	7.0	9.0	6.0	38.8	137.9
April 12 (Tuesday)	3.7	4.5	2.9	2.9	1.8	1.1	0.2	0.3	17.4	155.3
Accumulated ground rainfall and forecast satellite rainfall may trigger landslides.										
Rapu-Rapu, Albay (AWS) Areas of Influence: <i>Rapu-Rapu and Prieto Diaz (Sorsogon)</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
April 9 (Saturday)			1.5	1.3	1.3			2.3	6.4	6.4
April 10 (Sunday)	1.7	1	4.6	4.7	4	3.8	4.1	4.3	28.2	34.6
April 11 (Monday)	11.0	5.0	7.0	20.0	20.0	4.9	3.2	4.3	75.4	110.0
April 12 (Tuesday)	4.7	3.6	4.0	3.0	6.0	4.6	2.6	3.1	31.6	141.6
Accumulated ground rainfall and forecast satellite rainfall may trigger landslides.										
Matnog, Sorsogon (ARG) 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
April 9 (Saturday)			0.9	0.9	0.3		0.3	1.3	3.7	203.5
April 10 (Sunday)	0.9	0.8	3.4	4.6	6.0	3.4	3.0	18.0	40.1	243.6
April 11 (Monday)	11.0	5.0	15.0	4.5	1.1	17.0	4.5	3.3	61.4	305.0
April 12 (Tuesday)	4.4	3.8	3.9	4.5	4.8	2.8	1.6	1.7	27.5	332.5
Landslides may start initiating on 10 April 2022.										
Barcelona, Sorsogon (AWS) 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
April 9 (Saturday)			2.2	1.8	0.7		0.6	1.5	6.8	206.6
April 10 (Sunday)	1.6	1.5	4.5	4.3	4.4	3.4	3.5	8.0	31.2	237.8
April 11 (Monday)	11.0	6.0	14.0	7.0	2.5	10.0	4.5	4.7	59.7	297.5
April 12 (Tuesday)	4.7	3.3	3.7	4.1	5.0	2.0	1.9	2.7	27.4	324.9
Landslides may start initiating on 10 April 2022.										
Castilla, Sorsogon (AWS) 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
April 9 (Saturday)			0.2	1.0	0.3			0.6	2.1	117.1
April 10 (Sunday)	0.4	0.2	1.4	3.2	3.8	2.5	1.8	3.5	16.8	133.9
April 11 (Monday)	18.0	10.0	12.0	11.0	4.1	6.0	4.7	4.2	70.0	203.9
April 12 (Tuesday)	4.3	3.4	2.4	2.5	5.0	2.1	0.2	1.2	21.1	225.0
Landslides may start initiating on 11 April 2022.										
Bulusan, Sorsogon (ARG) 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
April 9 (Saturday)				1.4	1.3		0.6	1.2	4.5	204.1
April 10 (Sunday)	1.3	1.4	3.8	4.4	4.8	3.0	3.4	11.0	33.1	237.2
April 11 (Monday)	10.0	5.0	17.0	4.6	1.6	15.0	4.5	3.8	61.5	298.7
April 12 (Tuesday)	4.6	3.4	3.8	4.4	4.8	2.1	1.5	2.5	27.1	325.8
Landslides may start initiating on 10 April 2022.										
Masbate City, Masbate (AWS) 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
April 9 (Saturday)			0.4	0.5		0.2		0.4	1.5	112.7
April 10 (Sunday)	0.3		0.5	2.8	4.7	3.4	2.0	20.0	33.7	146.4
April 11 (Monday)	28.0	3.6	7.0	1.2	0.3	37.0	9.0	2.2	88.3	234.7
April 12 (Tuesday)	3.3	5.0	3.2	3.1	1.5	3.9	1.8	1.0	22.8	257.5
Landslides may start initiating on 11 April 2022.										
Mandaon, Masbate (AWS) 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
April 9 (Saturday)				0.2	0.2			0.2	0.6	111.8
April 10 (Sunday)	0.4	0.3		2.1	3.2	2.0	1.4	9.0	18.4	130.2
April 11 (Monday)	39.0	9.0	10.0	1.0	0.5	64.0	15.0	3.5	142.0	272.2
April 12 (Tuesday)	3.9	6.0	3.2	2.9	1.8	2.6	1.5	1.1	23.0	295.2
Landslides may start initiating on 11 April 2022.										
Aroroy, Masbate (ARG) 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
April 9 (Saturday)			0.3	0.4				0.3	1.0	114.5
April 10 (Sunday)	1.1	0.2		1.9	2.8	2.2	0.9	2.9	12.0	126.5
April 11 (Monday)	38.0	12.0	17.0	1.0	0.2	91.0	33.0	6.0	198.2	324.7
April 12 (Tuesday)	5.0	5.0	3.0	3.1	2.9	3.8	2.7	1.6	27.1	351.8
Landslides may start initiating on 11 April 2022.										
Communities and the Local Disaster Risk and Reduction Management Councils are advised to take the necessary precautionary measures and watch for the next bulletin.										

Prepared by:
Geohazards and Engineering Geology Section

Checked by:

ARLENE E. DAYAO
Chief Geologist

Approved by:
GUILLERMO A. MOLINA, JR. IV
Regional Director