



**LANDSLIDE BULLETIN NO. 1
FOR TYPHOON "JOLINA"**

Issued on 07 September 2021 at 6:00 am Next bulletin: 07 September 2021 at 6:00 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
September 6 (Monday)				0.5	7.0	0.5	0.5	0.7	9.2	61.2
September 7 (Tuesday)	3.4	2.8	3.7	3.3	2.9	6.0	11.0	7.0	40.1	101.3
September 8 (Wednesday)	2.4	9.0	7.0	0.9	0.5	0.2			20.0	121.3
September 9 (Thursday)					0.3	0.7	0.2	0.7	1.9	123.2
Accumulated 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
September 6 (Monday)				1.5	1.8	1.5	0.8	0.9	6.5	6.5
September 7 (Tuesday)	3.6	4.5	4.8	4.5	3.2	2.2	5.0	2.8	30.6	37.1
September 8 (Wednesday)	3.6	2.3	6.0	0.2					12.1	49.2
September 9 (Thursday)					0.7	0.7		0.5	1.9	51.1
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
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
September 6 (Monday)				1.7	5.0	0.3	0.6	1.7	9.3	18.5
September 7 (Tuesday)	3.3	4.5	5.0	4.2	3.2	11.0	18.0	7.0	56.2	74.7
September 8 (Wednesday)	1.3	12.0	3.6	0.9	0.6	0.3		0.4	19.1	84.6
September 9 (Thursday)						0.2		1.7	1.9	86.5
Accumulated forecast satellite rainfall is unlikely to initiate 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
September 6 (Monday)				1.5	4.7	0.6	0.3	2.2	9.3	9.3
September 7 (Tuesday)	4.1	5.0	5.0	4.5	4.4	6.0	14.0	7.0	50.0	59.3
September 8 (Wednesday)	2.5	6.0	4.7	0.9	0.6	0.3			15.0	74.3
September 9 (Thursday)					0.3	0.2		0.3	0.8	75.1
Accumulated 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
September 6 (Monday)				1.7	4.4	1.3	3.5	4.8	15.7	15.7
September 7 (Tuesday)	2.8	7.0	7.0	6.0	5.0	7.0	14.0	11.0	59.8	75.5
September 8 (Wednesday)	8.0	2.9	3.0	3.4	0.8	1.4	0.5		20.0	95.5
September 9 (Thursday)				0.6	2.3	2.0	0.5		5.4	100.9
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
Tinambac, Camarines Sur (AWS) Areas of Influence: <i>Siruma, Tinambac, Naga City, Bombon, Calabanga and Masaganay</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
September 6 (Monday)				0.9	3.2	1.6	7.0	1.7	14.4	14.4
September 7 (Tuesday)	2.2	4.3	3.3	4.7	3.4	4.2	10.0	17.0	49.1	63.5
September 8 (Wednesday)	18.0	8.0	5.0	11.0	8.0	15.0	8.0	0.9	73.9	137.4
September 9 (Thursday)	0.2			1.7	3.9	3.0	1.5		10.3	147.7
Accumulated forecast satellite rainfall may trigger 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
September 6 (Monday)				2.0	6.0	1.1	2.0	3.9	15.0	15.0
September 7 (Tuesday)	4.5	7.0	7.0	6.0	6.0	7.0	17.0	12.0	66.5	81.5
September 8 (Wednesday)	5.0	2.5	3.5	2.0	0.5	0.4	0.2		14.1	95.6
September 9 (Thursday)				0.3	1.8	1.1	0.3		3.5	99.1
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
Iriga City, Camarines Sur (AWS) Areas of Influence: <i>Ocampo, Baao, Iriga City, Buih and Saogñay</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
September 6 (Monday)	1.0	1.7	0.9	3.1	2.8	9.0	27.0	19.0	64.5	73.3
September 7 (Tuesday)	7.0	14.0	10.0	12.0	10.0	10.0	2.1	1.3	66.4	139.7
September 8 (Wednesday)	0.6	0.3	0.3	2.4	5.0	2.6	0.7		11.9	151.6
September 9 (Thursday)	0.2	1.2	0.7	1.9	3.8	2.9	0.3	0.3	11.3	162.9
Accumulated 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
September 6 (Monday)	0.9	1.2	1.8	1.3	0.4	0.2	1.6	8.0	15.4	29.9
September 7 (Tuesday)	30.0	27.0	13.0	25.0	24.0	29.0	39.0	3.8	190.8	220.7
September 8 (Wednesday)	1.0	1.1	2.4	3.1	2.8	1.8	1.2	0.3	13.7	234.4
September 9 (Thursday)	1.5	3.5	3.3	2.4	1.2	0.8	0.3	0.2	13.2	247.6
Landslides may start initiating at 8pm PST, September 07, 2021.										
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
September 6 (Monday)	1.7	1.8	2.0	1.9	0.5	1.2	7.0	16.0	32.1	32.1
September 7 (Tuesday)	25.0	26.0	17.0	14.0	11.0	44.0	13.0	13.0	163.0	195.1
September 8 (Wednesday)	1.8	0.3	0.4	1.3	2.3	1.6	0.9	0.4	9.0	204.1
September 9 (Thursday)	1.0	4.6	3.3	1.8	0.9	0.5			12.1	216.2
Landslides may start initiating at 8am PST, September 07, 2021.										
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
September 6 (Monday)	0.5	1.0	0.4	3.2	1.6	4.4	16.0	16.0	43.1	43.1
September 7 (Tuesday)	10.0	19.0	10.0	11.0	11.0	19.0	4.0	2.0	86.0	129.1
September 8 (Wednesday)	0.8	0.2	0.3	1.9	3.9	1.6	0.8		9.5	138.6
September 9 (Thursday)	0.3	2.3	0.6	1.6	3.1	2.2	0.2	0.2	10.5	149.1
April 20 (Tuesday)	4.9	0.6		1.1	1.8	1.6	1.8	0.4	12.2	161.3
Accumulated forecast satellite rainfall may trigger landslides.										
San Jose, Camarines Sur (AWS) Areas of Influence: <i>Goa, Tigaon, San Jose and Laqonov</i>	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
September 6 (Monday)	2.0	5.0	2.6	4.3	3.1	8.0	18.0	25.0	68.0	68.0
September 7 (Tuesday)	12.0	6.0	8.0	13.0	6.0	7.0	2.1	0.5	54.6	122.6
September 8 (Wednesday)				2.3	7.0	4.3	0.5		14.1	136.7
September 9 (Thursday)		0.2	0.2	1.0	6.0	3.3	0.8		11.5	148.2
April 20 (Tuesday)	13.0	5.0	2.6	2.1	1.5	1.3	0.5	0.6	26.6	174.8
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										


Labo, Camarines Norte (AWS)	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
Areas of Influence: <i>Labo, Paracale and Vinzons</i>										
September 6 (Monday)	4.3	2.3	1.8	2.7	1.3	0.6	1.4	4.5	18.9	18.9
September 7 (Tuesday)	14.0	23.0	15.0	14.0	38.0	35.0	30.0	35.0	204.0	222.9
September 8 (Wednesday)	3.0	0.6	0.5	2.3	4.5	3.0	0.7		14.6	237.5
September 9 (Thursday)	0.2	0.3	0.8	2.4	2.2	1.7	1.3	0.2	9.1	246.6
April 20 (Tuesday)	1.2	0.4	0.5	0.6	0.6	1.9	2.9	0.8	8.9	255.5
Landslides may start initiating at 8pm PST, September 07, 2021.										
Jose Panganiban, Camarines Norte (AWS)	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
Areas of Influence: <i>Jose Panganiban, Sta. Elena and Capalonga</i>										
September 6 (Monday)	3.7	3.6	2.9	3.7	2.0	0.8	1.9	4.0	22.6	22.6
September 7 (Tuesday)	9.0	19.0	13.0	13.0	31.0	22.0	19.0	20.0	146.0	168.6
September 8 (Wednesday)	2.1	0.2	0.2	2.7	5.0	2.8	1.0		14.0	182.6
September 9 (Thursday)			0.5	2.4	2.0	1.7	1.6	0.3	8.5	191.1
April 20 (Tuesday)	0.8	0.3	0.3	0.5	0.6	2.1	2.7	0.8	8.1	199.2
Accumulated forecast satellite rainfall may trigger landslides.										
Tulay na Lupa, Labo, Camarines Norte (ARG)	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
Areas of Influence: <i>San Vicente and San Lorenzo Ruiz</i>										
September 6 (Monday)					6.0	2.2	3.7	1.2	13.1	85.1
September 7 (Tuesday)	1.6	2.1	2.2	2.2	1.0	0.7	1.7	5.0	16.5	101.6
September 8 (Wednesday)	20.0	28.0	18.0	17.0	37.0	21.0	22.0	10.0	173.0	274.6
September 9 (Thursday)	0.4	0.7	1.0	2.8	4.5	4.5	1.1		15.0	289.6
April 20 (Tuesday)	0.8	0.3	0.3	0.5	0.4	1.4	3.5	0.8	8.0	297.6
Landslides may start initiating at 11am PST, September 08, 2021.										
Daet, Camarines Norte (ARG)	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
Areas of Influence: <i>Daet, Mercedes, Basud and Talisay</i>										
September 6 (Monday)				0.7	1.5	1.8	3.6	1.3	8.9	10.3
September 7 (Tuesday)	3.0	3.4	4.7	3.8	2.8	1.6	3.0	6.0	28.3	38.6
September 8 (Wednesday)	18.0	21.0	11.0	16.0	26.0	15.0	13.0	2.4	122.4	161.0
September 9 (Thursday)	0.2	0.2	0.2	2.2	3.2	2.1	2.6		10.7	171.7
April 20 (Tuesday)	2.4	0.7	0.7	0.6	0.3	1.3	2.7	1.2	9.9	181.6
Accumulated forecast satellite rainfall may trigger landslides.										
Matnog, Sorsogon (ARG)	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
Areas of Influence: <i>Irosin, Matnog and Bulan</i>										
September 6 (Monday)				1.3	6.0	1.1	1.4	1.2	11.0	13.6
September 7 (Tuesday)	6.0	7.0	10.0	11.0	30.0	41.0	15.0	2.0	122.0	135.6
September 8 (Wednesday)	4.4	3.2	2.0	2.0	1.8	1.7	2.1	1.7	18.9	154.5
September 9 (Thursday)	2.5	1.4		2.5	3.9	1.7	0.3	0.8	13.1	167.6
April 20 (Tuesday)	8.0	1.7	0.2	0.2	0.3	0.2			10.6	178.2
Accumulated forecast satellite rainfall may trigger landslides.										
Barcelona, Sorsogon (AWS)	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
Areas of Influence: <i>Gubat, Casiguran and Barcelona</i>										
September 6 (Monday)				2.8	4.5	0.7	1.5	2.9	12.4	12.4
September 7 (Tuesday)	7.0	8.0	9.0	9.0	25.0	34.0	7.0	0.6	99.6	112.0
September 8 (Wednesday)	2.8	3.6	1.3	1.5	0.7	1.0	0.7	0.3	11.9	123.9
September 9 (Thursday)	0.5	0.2		1.5	3.5	1.9	0.2	0.9	8.7	132.6
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
Castilla, Sorsogon (AWS)	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
Areas of Influence: <i>Pilar, Castilla, Sorsogon City, Magallanes and Manito (Albay)</i>										
September 6 (Monday)				0.8	3.3	0.7	1.0	0.6	6.4	6.9
September 7 (Tuesday)	3.8	3.5	7.0	7.0	12.0	41.0	41.0	2.2	117.5	124.4
September 8 (Wednesday)	6.0	6.0	8.0	8.0	2.0	1.4	0.5	0.4	32.3	156.7
September 9 (Thursday)	0.5			0.4	2.6	1.0		0.5	5.0	161.7
Accumulated forecast satellite rainfall may trigger landslides.										
Bulusan, Sorsogon (ARG)	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
Areas of Influence: <i>Bulusan, Juban and Sta. Magdalena</i>										
September 6 (Monday)				2.4	4.6	1.3	0.8	1.8	10.9	10.9
September 7 (Tuesday)	6.0	7.0	9.0	11.0	30.0	36.0	5.0	1.0	105.0	115.9
September 8 (Wednesday)	4.0	3.7	2.0	1.9	1.3	1.6	1.3	0.8	16.6	132.5
September 9 (Thursday)	1.1	0.5		2.2	3.8	1.8		0.3	9.7	142.2
Accumulated forecast satellite rainfall is unlikely to initiate landslides.										
Masbate City, Masbate (AWS)	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
Areas of Influence: <i>Masbate City, Mobo, Uson, Cawayan, San Jacinto, San Fernando, Batuan, Placer Dimasalang, Palanas, Pio V. Corpuz, Cataipan and Esperanza</i>										
September 6 (Monday)				0.6	6.0	2.7	0.8	0.9	11.0	66.0
September 7 (Tuesday)	4.9	7.0	13.0	13.0	13.0	51.0	48.0	17.0	166.9	232.9
September 8 (Wednesday)	7.0	8.0	1.3	0.6	1.6	0.6	1.2	2.3	22.6	255.5
September 9 (Thursday)	2.9	0.6		0.3	1.2	0.9	1.6	0.8	8.3	263.8
Landslides may start initiating at 8pm PST, September 07, 2021.										
Mandaon, Masbate (AWS)	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
Areas of Influence: <i>Mandaon, Milagros and Balud</i>										
September 6 (Monday)				0.8	6.0	4.6	1.1	2.5	15.0	15.0
September 7 (Tuesday)	4.9	6.0	9.0	9.0	9.0	20.0	35.0	33.0	125.9	140.9
September 8 (Wednesday)	13.0	13.0	2.4	0.5	1.1	0.8	1.1	2.5	34.4	175.3
September 9 (Thursday)	1.4	0.2			0.6	1.2	0.8	0.8	5.0	180.3
Accumulated forecast satellite rainfall may trigger landslides.										
Aroroy, Masbate (ARG)	2am PST	5am PST	8am PST	11am PST	2pm PST	5pm PST	8pm PST	11pm PST	Daily Total	Accumulated
Areas of Influence: <i>Aroroy, Baleno, Claveria and Monreal</i>										
September 6 (Monday)				0.4	4.8	4.0	0.6	3.5	13.3	13.3
September 7 (Tuesday)	4.1	4.3	7.0	7.0	11.0	40.0	74.0	72.0	219.4	232.7
September 8 (Wednesday)	24.0	33.0	14.0	1.4	0.7	0.7	0.2	1.6	75.6	308.3
September 9 (Thursday)	1.1				0.5	1.2		0.4	3.2	311.5
Landslides may start initiating at 11pm PST, September 07, 2021.										

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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