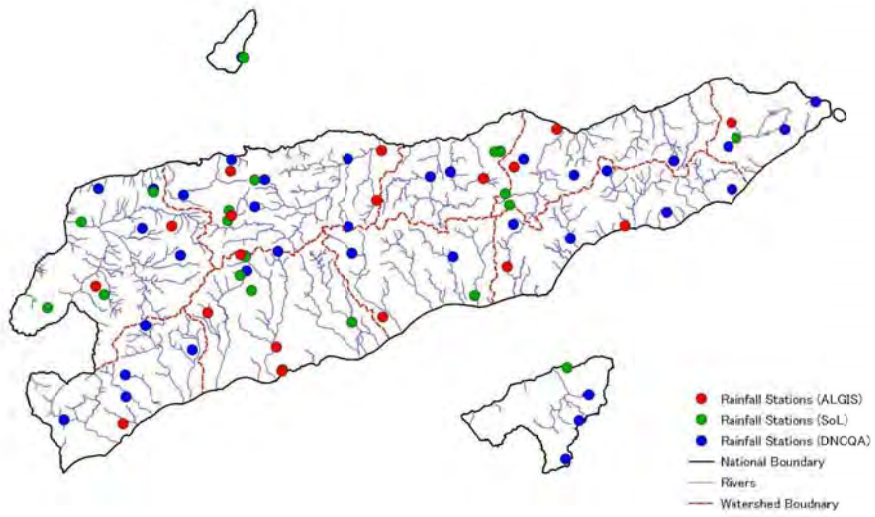
Appendix 3 Meteorological Observation

Remarks : Since data shown in this appendix are raw data, it is required to evaluate these data before utilizing for any plans/designs.

Observed Data of Rainfall

Rainfall Stations (ALL)



1. ALGIS
(Daily)

Rainfall Stations (ALGIS)

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Aileu	125.571667	-8.719167	900

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0			0.5								
2	0.0											
3	0.0											
4	0.0											
5	1.0											
6	0.0											
7	0.0											
8	0.0											
9	0.0											
10	1.5											
11	0.0											
12	0.0		20.5									
13	0.0		0.5									
14	0.0		0.0									
15	0.5		0.0									
16	0.0		0.0									
17	8.0		0.0									
18	47.0		0.0									
19	17.0		0.0									
20	0.5	5.5	0.0									
21	1.5	11.0	0.0									
22	0.0		0.0									
23	9.5		0.5									
24	0.0											
25	0.0											
26	0.0			0.5					3.5			
27	0.0			0.0					0.0			
28	0.0			0.0					0.0			
29	0.0			0.0					0.0			
30	0.0			0.0					0.0			
31	0.0											

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	14.0
2	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	6.0
3	0.0	2.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	16.0
4	0.0	0.0	0.5	0.0	10.0	22.5	0.5	0.0	0.0	0.0	1.0	75.0
5	9.0	0.0	0.0	0.0	7.0	0.0	0.0	0.5	0.0	0.0	0.0	17.0
6	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.5
7	0.5	0.0	6.5	6.5	0.0	25.0	5.0	0.5	0.0	0.0	0.0	4.0
8	1.5	0.0	0.0	0.0	0.0	2.5	4.5	0.0	0.0	0.0	0.0	4.5
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	1.5
10	3.5	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
11	1.0	0.0	0.0	0.0	0.0	0.5	18.0	0.0	0.0	0.0	1.0	3.5
12	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0	19.5	0.0
13	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	1.0	27.5
14	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	63.0	14.0
15	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	3.0	0.5	0.0
16	0.5	11.5	3.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	5.0	1.0
17	1.5	0.0	0.0	0.0	2.0	0.0	0.0	0.5	0.0	0.0	17.0	97.0
18	0.5	0.0	0.0	0.5	5.5	0.0	0.5	0.0	0.0	0.0	2.0	16.5
19	3.5	0.5	0.0	1.0	10.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
20	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
21	0.0	0.0	0.0	0.5	6.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0
22	0.0	0.5	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.5	0.0	12.0
23	0.0	1.0	0.0	0.5	7.5	0.0	0.0	0.0	0.0	0.0	0.5	7.0
24	0.0	0.0	0.0	0.0	8.0	14.5	0.0	0.0	0.0	0.0	2.0	1.0
25	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.5	8.0	0.0	0.0	0.0	0.0	5.5	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	1.5
29	0.0		0.0	2.0	2.0	0.5	0.0	0.0	0.0	0.0	18.5	27.5
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	49.0	0.0
31	0.0		0.0		0.0		0.0	0.0		5.0		0.0

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Ainaro	125.503611	-8.998889	812

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.5						3.2	6.2	6.3	7.5		
2	0.3						5.0	6.7	5.2	5.0		
3	1.2						6.2	6.5	6.5	4.7		
4	0.3						6.7	5.8	6.8	5.7		
5	1.0						4.7	5.8	7.0	5.7		
6	0.5						3.8	6.7	4.0	6.0		
7	0.7						5.7	5.2	8.3	6.0		
8	2.2						4.3	7.2	6.0	3.8		
9	1.3						3.5	8.7	5.8	5.8		
10	0.5						3.3	8.0	5.5	6.2		
11	0.8						4.2	3.5	4.3	6.5		
12	0.8						1.3	3.8	5.0	5.7		
13	0.3						3.2	4.7	4.0	4.8		
14	0.7						5.8		4.2	4.3		
15	0.5						6.7		5.3	6.2		
16	0.7			1.5			7.5		5.2	8.2		
17	1.0			7.0			7.7		7.5	7.2		
18	0.2			6.7			5.2		8.2	6.3		
19				5.8			5.7		5.3	5.0		
20				6.7			4.3		6.0	6.0		
21				5.8			6.7		5.0	4.3		
22				4.5			4.7		3.5	5.7		
23							5.3		5.3	7.5		
24							5.7		8.5	6.2		
25							5.5		9.5	3.8		
26							4.2		3.2	1.7		
27							6.0		5.5	3.7		
28							7.0		6.0	5.3		
29							3.3		5.8	5.2		
30							6.5		5.0	6.7		
31							7.8	4.8		4.8		

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Betano	125.716600	-9.166600	30

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3.0	26.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
2	2.0	2.0	33.0	17.5	0.0	7.0	0.0	0.0	0.0	0.0	0.0	
3	6.0	0.0	28.0	0.0	0.5	17.0	0.0	0.0	11.5	0.0	0.0	
4	54.0	0.0	0.0	1.5	38.5	3.5	0.0	0.0	2.0	0.0	0.0	
5	7.5	0.0	2.0	9.0	1.0	0.0	2.5	0.0	0.0	0.0	0.0	
6	1.5	0.0	0.0	7.0	0.0	24.0	9.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	1.0	18.0	0.0	86.5	27.5	0.0	0.0	0.0	0.0	
8	31.5	0.0	0.0	21.0	0.0	31.0	36.0	0.0	0.0	0.0	0.0	
9	7.0	0.0	0.0	0.0	0.5	0.0	13.5	0.0	0.0	0.0	0.0	
10	2.5	2.0	1.5	0.0	0.0	1.0	4.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	23.0	0.0	0.0	2.5	32.5	0.0	0.0	0.0	0.0	
12	35.0	0.0	1.5	0.0	0.5	0.0	72.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	34.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	1.5	
14	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	7.0	2.0	
15	0.0	0.0	0.0	0.0	5.0	0.0	1.5	0.0	0.0	12.0	20.0	
16	0.0	41.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	13.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
19	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	17.0	
20	0.0	7.5	0.0	11.0	0.0	14.5	0.0	0.0	0.0	0.0	2.0	
21	0.0	0.0	0.0	0.0	3.0	346.5	0.0	0.0	0.0	0.0	0.0	
22	0.0	1.5	0.0	0.0	0.0	75.5	23.5	0.0	0.0	0.0	5.5	
23	0.0	0.0	0.0	0.0	0.0	35.0	18.0	0.0	0.0	0.0	9.5	
24	0.0	0.0	0.0	0.0	64.0	0.0	0.0	3.0	0.0	0.0	0.0	
25	12.0	1.0	1.0	0.0	28.5	0.0	0.0	0.0	0.0	1.5	5.0	
26	0.5	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	
27	28.5	0.0	0.0	25.0	2.5	0.0	0.0	1.0	0.0	0.0		
28	0.0	0.0	0.0	1.0	9.0	0.0	0.5	0.0	0.0	0.0		
29	1.0		0.0	0.0	5.0	0.5	2.0	0.0	0.0	0.0		
30	0.0		9.5	3.0	7.0	0.5	0.0	0.0	0.0	0.0		
31	0.0		2.5		7.0		0.0	0.0		0.0		

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Comoro	125.700600	-9.097770	90

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0.0				0.0	0.0	0.0	0.0
2					0.0				0.0	0.0	0.0	19.8
3					4.2				0.0	0.0	0.0	12.4
4					0.0			0.4	0.0	0.0	0.0	4.0
5					0.2			0.2	0.0	0.0	0.0	5.4
6					5.4			0.0	0.0	0.0	0.0	0.2
7					0.4			0.0	0.0	0.0	0.0	
8					0.0			0.0	0.0	0.0	0.0	
9					17.0			0.4	0.0	0.0	0.0	
10					19.2			0.2	0.0	0.0	0.0	
11					4.6			0.0	0.0	0.0	0.0	
12					1.6			0.0		0.0	0.0	
13					6.0			0.0		0.0	0.0	
14					1.4			0.6		0.0	0.0	
15					17.0			0.2		0.0	0.0	
16					0.0			0.0	0.0	0.0	0.0	
17					12.6			0.0	0.0	0.0	0.0	
18					21.0			0.0	0.0	0.0	0.0	
19					7.2			0.0	0.0	0.0	0.0	
20					0.6			0.0	0.0	0.0	0.0	
21					1.4			0.0	0.0	0.0	0.0	
22					1.0			0.0	0.0	0.0	12.6	
23					29.4			0.0	0.0	0.0	0.2	
24					14.4			0.0	0.0	0.0	0.0	
25					0.2			0.0	0.0	0.0	0.0	
26					0.0			0.0	0.0	0.0	0.0	
27					13.0			0.0	0.0	0.0	0.0	
28								0.0	0.0	0.0	0.0	
29								0.0	0.0	0.0	0.0	
30				0.0				0.0	0.0	0.0	0.0	
31								0.0		0.0		

Year 2015 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30				1.4								
31												

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Dare	125.568900	-8.591100	460

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						1.5	0.0	0.0	0.0	0.0	0.0	5.0
2						0.5	0.0	0.0	0.0	0.0	0.0	1.5
3					1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
4					0.0	3.5	0.0	0.0	0.0	0.0	0.0	3.0
5					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6					1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
7					0.0	3.5	1.0	0.0	0.0	0.0	0.0	0.0
8					0.0	0.5	1.5	0.0	0.0	0.0	0.0	0.0
9					0.0	0.0	0.5	0.0	0.0	0.0	6.0	0.0
10	0.5				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.5				0.0	0.0	8.0	0.0	0.0	0.0	0.5	0.0
12	0.0				2.5	0.0	8.0	0.0	0.0	0.0	0.0	0.0
13	0.0				0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
14	0.0				1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
15	1.5				0.0	0.0	0.0	0.0	0.0	0.0	5.5	11.0
16	0.0				1.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0
17	0.5				1.5	0.0	0.0	0.0	0.0	1.0	6.0	0.0
18	0.0				3.5	0.0	0.0	0.0	0.0	0.0	4.5	0.0
19	2.5				0.5	0.0	0.0	0.0	0.0	0.0	1.0	0.0
20	0.0				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0				8.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0				6.5	11.0	3.5	0.0	0.0	0.0	0.0	0.0
23	0.0				4.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0
24	0.0				6.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0				0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0				0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
28	4.5				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0				5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0				0.0		0.0	0.0		0.0		0.0

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Ermera	125.400000	-8.749400	1,165

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		2.2	0.2		0.2	6.8						
2		0.4	1.2		0.2	0.0						
3		36.8	45.6		0.0	0.4						
4		0.0	31.9		3.4	14.6						
5		0.0	8.1		36.6	0.0						
6		0.0	4.8		22.6	11.4						
7		1.2	8.4		0.0	11.2						
8	25.8	35.6	0.6		0.0	23.4						
9	15.6	15.8	3.5		6.4	0.0						
10	17.2	18.4	8.7		0.1	0.0						
11	8.0	0.0	1.8		0.9	0.0						
12	14.9	31.0	0.4	0.0	37.6	0.0						
13	17.5	23.2	23.4	0.0	18.0	0.5						
14	18.8	25.2	7.6	0.0	4.4							
15	3.8	45.6	0.2	0.0	0.0							
16	18.4	29.8	13.8	0.0	12.0							
17	4813.0	0.0	1.0	0.0	16.0							
18	17.5	16.6	0.0	0.0	26.4							
19	33.0	29.6		0.8	12.0							
20	1.4	3.2		0.2	1.8							
21	2.4	9.0		0.0	20.4							
22	0.0	0.2		0.2	67.8							
23	0.8	3.6		0.0	10.6							
24	0.2	2.8		0.2	27.8							
25	0.0	15.0		0.0	0.4							
26	0.0	3.6		0.0	0.0							
27	0.0	2.4		6.4	0.2							
28	1.8	0.0		0.4	0.4							
29	40.4			2.2	5.4							
30	32.8			0.0	0.0							
31	56.8				0.0							

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Fatumaca	126.386611	-8.579400	612

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.6	38.8		0.0	0.0	0.4						
2	46.0	4.6		0.0	0.0	0.0						
3	23.2	0.6		0.0	25.2	0.0						
4	12.8	0.2		0.0	5.2	0.0						
5	14.4	1.0		0.0	14.0	0.0						
6	12.2	0.2		0.0	0.0	3.5						
7	11.0	0.2		0.0	0.0	63.7						
8	6.4	0.2		0.0	0.0	2.8						
9	3.0	4.4		0.0	0.0	0.0						
10	4.4	6.0		3.2	0.0	0.8						
11	7.0	0.2		0.0	0.0	0.2						
12	25.6	28.4		0.0	0.0							
13	2.6	0.0		0.0	0.0							
14	0.8	34.2		0.0	2.0							
15	0.0	27.4		0.0	0.0							
16	20.6	71.6		0.0	17.6							
17	15.8	11.8		0.0	1.6							
18	0.4	6.2		0.0	15.6							
19	13.0			0.0	1.2							
20	18.0			1.0	0.0							
21	0.0			0.2	5.6							
22	0.2			0.0	4.4							
23	0.5			0.0	29.6							
24	2.9			0.0	30.4							
25	2.0			0.0	15.6							
26	0.0			0.0	0.2							
27	4.0			0.0	3.0							
28	0.0			0.0	0.8							
29	56.8			0.0	6.4							
30	21.0			0.0	0.0							
31	5.2				1.2							

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Fuiloro	127.014000	-8.451900	375

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.8	2.6			0.0	0.0						
2	25.8	16.5			0.0	0.0						
3	16.0	0.7			0.0	0.0						
4	8.6	0.2			0.0	0.0						
5	20.2	0.2			0.0	0.0						
6	3.6	0.2			0.0	0.0						
7	22.6	0.2			5.2	0.0						
8	2.0	0.2			0.0	0.0						
9	4.0	0.0			0.0	0.0						
10	5.6	12.6		0.0	0.0	0.0						
11	1.8	2.2		0.0	0.0	0.0						
12	20.8	1.4		0.0	0.0							
13	23.4	0.0		0.0	0.0							
14	0.2	4.0		0.0	0.0							
15	0.0	17.0		0.0	0.0							
16	6.2	11.4		0.0	0.0							
17	1.2	1.8		0.0	0.0							
18	0.0	15.0		0.0	0.0							
19	0.0	3.2		0.0	0.0							
20	0.0	2.4		0.0	0.0							
21	0.0	2.2		0.0	0.0							
22	0.0	1.0		0.0	0.0							
23	3.4	0.0		0.0	0.0							
24	0.4	4.0		0.0	0.0							
25	0.0	0.0		0.0	0.0							
26	0.6			0.0	0.0							
27	0.2			0.0	0.0							
28	0.2			0.0	0.0							
29	3.8			0.0	0.0							
30	102.8			0.0	0.0							
31	29.6				0.0							

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Irabere	126.705908	-8.748782	17

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0.8	0.0		0.0	0.0	0.0	5.4
2					0.0	17.6	0.0		0.0	0.0	0.0	0.2
3					0.0	2.4	2.2		0.0	0.0	0.0	4.4
4					0.0	12.8	3.8		0.0	0.0	0.0	28.0
5					20.2	11.2	6.4		0.0	0.0	0.0	9.2
6					5.2	35.8	0.2		0.0	0.0	0.0	0.0
7					1.0	3.0	0.0		0.0	0.0	0.0	0.0
8					11.2	29.2	0.0		0.0	0.0	0.0	0.0
9					30.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0
10					20.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
11					2.2	4.8	0.0	0.2	0.0	0.0	0.0	44.0
12					1.0	0.0	1.4	0.6	0.0	0.0	0.0	0.0
13					6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14					3.6		0.0	0.0	0.0	0.0	0.0	2.2
15					6.8		0.2	0.0	0.0	0.0	0.0	0.0
16					0.4		0.0	0.0	0.0	0.0	0.0	0.0
17					6.6		0.6	0.0	0.0	0.0	0.0	11.0
18					230.1		0.0	0.0	0.0	0.0	0.0	0.0
19					40.0		0.0	0.0	0.0	0.0	0.0	0.0
20					16.4	115.4		0.0	0.0	0.0	0.0	0.0
21					16.0	51.6		0.0	0.0	0.0	0.0	0.0
22					13.0	2.8		0.0	0.0	0.0	0.0	3.4
23					27.8	0.0		0.0	0.0	0.0	0.0	2.2
24					19.6	0.0		0.0	0.0	0.0	0.0	5.2
25					1.0	0.0		0.0	0.0	0.0	0.0	0.0
26					17.2	2.0		0.0	0.0	0.0	0.0	0.0
27					8.2	5.8		0.0	0.0	0.0	0.0	14.4
28					0.0	2.4		0.0	0.0	0.0	0.0	0.0
29					0.4	1.2		0.0	0.0	0.0	0.0	5.2
30					9.2	6.2		0.0	0.0	0.0	0.0	4.0
31					9.0			0.0		0.0		1.6

Year 2015 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.4	0.0	4.2	0.4								
2	4.6	11.0	0.8	0.6								
3	4.0	3.6	0.0	3.4								
4	1.8	0.0	0.0	27.8								
5	0.6	0.0	8.0	2.4								
6	0.0	0.0	0.0	0.0								
7	0.4	0.0	0.2	0.0								
8	0.0	0.0	1.4	1.8								
9	0.0	0.0	0.0	34.6								
10	0.0	24.4	0.0	20.4								
11	0.0	16.2	0.0	0.0								
12	0.0	0.0	0.0	0.0								
13	0.0	0.0	0.0	0.0								
14	0.0	0.0	2.0	2.0								
15	0.0	5.2	7.0	9.0								
16	0.0	0.0	0.0	15.6								
17	13.6	0.0	0.0	0.0								
18	3.0	0.0	0.0	0.0								
19	0.0	0.0	0.0	13.2								
20	0.0	0.0	2.2	4.4								
21	0.0	0.0	0.0	2.8								
22	0.0	0.6	0.0	1.2								
23	0.2	0.0	0.0	0.0								
24	0.0	7.0	0.0	2.8								
25	0.0	0.2	0.0	5.2								
26	0.2	0.0	0.0	0.0								
27	4.6	0.0	0.6	0.0								
28	4.6	0.6	0.0	0.4								
29	4.2		0.0	47.8								
30	0.0		9.0	0.2								
31	1.0		0.2									

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Maliana	125.181400	-8.922500	135

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		4.0	3.4		0.2	2.6						
2		0.8	0.2		0.0	0.0						
3		17.2	51.0		2.0	0.0						
4		0.0	39.4		10.4	0.0						
5		1.6	16.6		10.8	0.2						
6		0.0	8.6		0.2	0.2						
7		0.2	24.2		0.2	15.2						
8		2.8	1.2		2.0	14.8						
9		3.0	4.2		0.0	0.2						
10		0.0	22.5		0.2	0.0						
11		0.2	169.3		2.0	0.2						
12		7.2	4.2		0.0	0.2						
13		22.8	5.4	0.2	2.0	0.2						
14		13.2	31.8	0.0	0.0	0.2						
15	1.0	51.4	0.0	0.2	0.0							
16	21.6	38.8	0.4	0.2	0.0							
17	31.6	0.0	0.8	0.2	5.4							
18	9.8	6.0	0.2	0.2	5.2							
19	41.0	20.8	0.0	0.2	12.8							
20	12.8	12.4	0.4	0.2	0.2							
21	1.4	7.2	0.2	0.2	0.2							
22	0.2	0.0	1.4	0.2	0.2							
23	0.4	1.4	0.0	0.2	6.4							
24	0.2	17.6	0.2	0.2	34.0							
25	0.0	19.0	0.8	0.2	3.8							
26	0.2	3.8		0.2	0.0							
27	0.0	4.6		0.0	1.8							
28	3.4	0.0		0.2	0.6							
29	19.6			0.2	18.6							
30	0.0			0.0	0.0							
31	9.0				0.0							

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Manatuto	126.005300	-8.531900	25

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.8	9.2	0.0		0.0	2.0						
2	2.8	0.2	2.4		0.0	0.4						
3	58.6	0.0	1.2		0.6	0.0						
4	11.0	0.2	1.8		0.0	0.2						
5	52.4	0.2	0.4		3.8	0.0						
6	11.6	0.0			0.2	5.8						
7	17.0	0.0			0.0	27.2						
8	6.8	0.0		18.0	0.0	2.2						
9	7.2	0.0		2.4	0.0	0.0						
10	2.8	0.4		0.0	0.0							
11	5.6	0.0		0.0	0.0							
12	17.4	0.0		0.0	0.0							
13	0.2	0.8		0.0	0.0							
14	0.2	1.4		0.0	1.0							
15	8.8	4.4		0.0	0.0							
16	0.8	19.2		0.0	0.0							
17	0.8	21.6		0.0	2.2							
18	0.0	3.4		0.0	4.8							
19	24.8	1.2		0.0	5.6							
20	0.2	3.4		2.2	2.0							
21	0.0	13.4		0.2	5.8							
22	0.0	4.2		0.0	0.0							
23	2.2	0.0		0.0	0.2							
24	0.0	0.8		0.2	9.2							
25	0.0	0.4		0.0	2.6							
26	0.0	3.2		0.0	0.0							
27	0.0	19.0		8.0	0.0							
28	0.0	0.8		0.0	0.2							
29	13.0			0.0	11.8							
30	14.5			0.0	0.2							
31	0.0				0.0							

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Manatuto-2	125.991426	-8.675543	423

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0.0		0.0		0.0	0.0	0.0	0.2
2							0.0	0.0	0.0	0.0	0.0	37.4
3							0.0	0.0	0.0	0.0	0.0	1.4
4					0.2	0.0	0.0	0.0	0.0	0.0	0.0	57.6
5					3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8
6					0.0	0.0	0.0	0.0	0.0	0.0	9.8	6.4
7					0.0		0.0	0.0	0.0	0.0	0.0	30.0
8					0.0		0.0	0.0	0.0	0.0	0.0	0.8
9					1.0		0.0	0.0	0.0	0.0	0.0	17.0
10					0.0		0.0	0.0	0.0	0.0	0.0	0.0
11					0.0		0.0	0.0		0.0	0.0	0.0
12					0.0		0.0	0.0		0.0	0.0	16.2
13					0.0		0.0	0.0		0.0	0.0	0.2
14					0.0		18.0	0.0		0.0	0.0	5.4
15					0.0		41.8	0.0		0.0	0.0	48.6
16					0.0			0.0		2.2	0.0	0.0
17					26.8			0.0		2.8	0.0	0.4
18					0.0			0.0		0.0	0.0	32.0
19					0.8			0.0		0.0	0.0	27.2
20					0.8			0.0		0.0	0.0	0.0
21					1.2			0.0	0.0	0.0	0.0	0.0
22					0.0			0.0	0.0	0.0	3.2	8.6
23					6.0	0.0		0.0	0.0	0.0	0.0	42.6
24					0.6	0.0		0.0	0.0	0.0	0.0	19.2
25						0.0		0.0	0.0	0.0	0.8	7.8
26						0.0		0.0	0.0	0.0	5.8	0.2
27						0.0		0.0	0.0	0.0	0.0	33.4
28						0.0		0.0	0.0	0.0	0.0	29.4
29				0.2		0.0		0.0	0.0	0.0	0.0	0.0
30				0.2		0.0		0.0	0.0	0.0	28.0	0.0
31								0.0		0.0		4.4

Year 2015 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.0											
2	29.4											
3	2.4											
4	6.6											
5	0.4											
6	0.0											
7	15.8											
8	2.8											
9	0.2			4.2								
10	0.0			46.2								
11	0.0			0.0								
12				0.0								
13				0.0								
14				0.0								
15				0.0								
16				21.0								
17				14.4								
18				46.2								
19				26.6								
20				0.2								
21				1.6								
22				26.2								
23				9.0								
24				23.2								
25				27.4								
26				0.2								
27				0.0								
28				4.6								
29				14.2								
30				0.2								
31												

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Maubisse	125.598100	-8.831700	1,500

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	9.5	17.0	0.0			0.0						
2	6.5	4.5	0.0			0.5						
3	3.0	13.5	3.0			1.0						
4	7.0	4.0	7.0			2.0						
5	6.0	0.0	13.0			0.0						
6	2.5	0.5	41.5			0.0						
7	2.5	0.5	35.5			0.0						
8	0.0	7.5	16.5			0.0						
9	1.0	49.5	41.0			0.0						
10	28.5	62.0	7.5			0.0						
11	13.5	0.0	7.0			0.5						
12	0.5	0.0	20.0			0.0						
13	3.5	10.5	9.0			0.0						
14	5.0	4.0	22.0									
15	0.5	0.0	0.0		8.0							
16	4.0	0.5	9.5		0.0							
17	1.0	7.5	1.5		0.0							
18	0.5	0.5	0.5		1.0							
19	0.5	5.5	5.5		0.0							
20	4.5	31.5			0.5							
21	0.0	9.5			4.5							
22	1.0	1.0			1.0							
23	24.0	0.5			0.0							
24	1.5	89.0			0.5							
25	0.0	4.5			13.5							
26	0.0	27.0			1.5							
27	0.0	4.5			0.5							
28	0.5	9.0			0.0							
29	0.0				1.0							
30	0.5				0.0							
31	2.5				0.5							

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Caraulun	126.009000	-9.010900	40

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0.0	10.0			0.0	0.0	0.0	0.0
2					0.0	37.4			0.0	0.0	0.0	0.0
3					3.2			0.0	0.0	0.0	0.0	0.4
4					0.0		0.0	0.0	0.0	0.0	0.0	19.4
5					6.4		0.0	0.0	0.0	0.0	0.0	7.6
6					23.6		0.0	0.0	0.0	0.0	0.0	0.0
7					11.2		0.0	0.8	0.0	0.0	0.0	0.4
8					0.0		0.0	0.0	0.0	0.0	0.0	10.0
9					9.8		0.0	0.0	0.0	0.0	0.0	1.0
10					4.8		0.0	0.0	0.0	0.0	0.0	3.4
11					0.0			0.0	0.0	0.0	0.0	59.8
12					0.0			0.0	0.0	0.0	0.0	24.4
13					0.2			0.0		0.0	0.0	0.2
14					0.0			0.4		0.0	0.0	0.4
15				10.8	1.2			0.0		0.0	0.0	0.0
16				0.0	1.4			0.0	0.0	0.0	0.0	6.4
17				0.0	4.0			0.0	0.0	0.0	0.0	0.0
18					52.2			0.0	0.0	0.0	0.0	0.0
19					7.4			0.0	0.0	0.0	0.0	0.0
20								0.0	0.0	0.0	0.0	0.0
21					11.8	48.8		0.0	0.0	51.0	0.0	0.0
22					1.6	1.0		0.0	0.0	0.0	11.8	4.0
23					53.0	0.2		0.0	0.0	0.0	0.2	4.0
24					16.0	0.0		0.0	0.0	0.0	0.0	0.2
25					0.2	0.0		0.0	0.0	0.0	0.0	0.0
26					0.4	0.4		0.0	0.0	0.0	0.0	0.0
27					20.0	1.0		0.0	0.0	0.0	0.0	0.0
28					0.2	10.2		0.0	0.0	0.0	0.0	13.4
29					0.0	0.2		0.0	0.0	0.0	0.0	0.0
30					4.4	2.6		0.0	0.0	0.0	0.0	17.8
31					3.8			0.0		0.0		29.8

Year 2015 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	9.6											
2	21.2											
3	0.4											
4	9.8											
5	0.0											
6	0.0											
7												
8												
9												
10												
11				0.0								
12				0.0								
13				0.0								
14				0.0								
15				3.8								
16				12.2								
17				0.2								
18				0.0								
19				16.2								
20				0.2								
21				5.2								
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Seical	126.509597	-8.470915	13

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					3.2	0.0	0.0		0.0	0.0	0.0	0.0
2					0.0	0.0	0.0		0.0	0.0	0.0	0.0
3					0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
4					0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4
5					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
6					0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0
7					0.0	4.2	0.0	0.0	0.0	0.0	0.0	9.6
8					5.2	6.6		0.0	0.0	0.0	0.0	0.4
9					0.0	0.0		0.0	0.0	0.0	0.0	16.2
10					1.2	0.0		0.0	0.0	0.0	0.0	0.0
11					0.0	0.0		0.0	0.0	0.0	0.0	0.0
12				5.8	0.4	0.0		0.0	0.0	0.0	0.0	0.0
13				0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
14				0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
15				20.8	0.0	0.0		0.0	0.0	0.0	0.0	0.0
16				0.2	0.0	0.0		0.0	0.0	0.0	0.0	0.0
17				0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
18				0.0	5.6	0.0		0.0	0.0	0.0	0.0	0.0
19				0.0	6.8	0.0		0.0	0.0	0.0	0.0	0.0
20				47.8	0.0	4.0		0.0	0.0	0.0	0.0	0.0
21				0.0	0.0	42.0		0.0	0.0	0.0	0.0	0.0
22				0.0	0.0	2.0		0.0	0.0	0.0	2.6	0.6
23				0.0	12.6	0.0		0.0	0.0	0.0	0.0	13.8
24				0.0	1.4	0.0		0.0	0.0	0.0	0.0	0.0
25				0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
26				0.0	0.0	0.0		0.0	0.0	0.0	1.8	
27				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29				0.2	0.0	0.0	0.2		0.0	0.0	0.0	0.0
30				0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0
31					0.0		0.0	0.0		0.0		0.0

Year 2015 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0											
2	26.0											
3	14.8											
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16				8.4								
17				0.2								
18				0.0								
19				5.2								
20				11.0								
21				31.2								
22				0.6								
23				1.4								
24				0.2								
25				6.8								
26				0.2								
27				0.0								
28				0.0								
29				3.2								
30				0.0								
31												

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Suai	125.260000	-9.318600	22

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Vemase	126.298800	-8.612690	290

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					18.4	0.0	0.0		0.0	0.0	0.0	0.0
2					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3					0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
4				65.4	0.0	0.0		0.0	0.0	0.0	0.0	63.6
5					17.0	0.0		0.0	0.0	0.0	0.0	24.2
6					0.2	3.6	0.0	0.0	0.0	0.0	6.2	5.4
7					0.0	0.0	0.0	0.0	0.0	0.0	0.4	6.8
8					0.0	1.4	0.0	0.0	0.0	0.0	0.0	12.4
9					0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.2
10					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11					1.6	0.0	0.0	0.0	0.0	0.0	0.0	6.4
12				32.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
13				5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
14				1.8	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.2
15				9.8	0.0	0.0	12.4	0.0	0.0	0.0	25.0	26.6
16				6.0	0.4	0.2		0.0	0.0	0.0	0.0	0.6
17				41.6	0.0	0.0		0.0	0.0	0.0	0.0	4.6
18				0.2	4.8	0.0		0.0	0.0	0.0	0.0	7.4
19				0.0	5.2	0.0		0.0	0.0	0.0	0.0	0.2
20				18.8	0.0	13.6		0.0	0.0	0.0	0.0	0.0
21				0.0	0.0	49.6		0.0	0.0	0.0	0.0	5.4
22				0.0	0.0	0.0		0.0	0.0	0.0	20.6	38.0
23				0.2	0.0	0.0		0.0	0.0	0.0	0.2	25.8
24				0.0	0.0	0.0		0.0	0.0	0.0	0.0	10.0
25				0.0	0.0	0.0		0.0	0.0	0.0	0.0	23.8
26				0.0	0.0	0.0		0.0	0.0	0.0	7.4	37.8
27				7.6	0.0	0.0		0.0	0.0	0.0	0.6	36.4
28				0.0	0.0	0.8		0.0	0.0	0.0	20.4	1.8
29				1.8	0.0	0.0		0.0	0.0	0.0	7.0	0.2
30				0.2	0.0	0.0		0.0	0.0	0.0	33.4	2.4
31					1.2			0.0		0.0		22.2

Year 2015 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3.6	0.0		0.0								
2	22.6	5.8		0.0								
3	5.6	22.4		0.8								
4	5.6	13.8		0.0								
5	7.2	12.0		5.8								
6	0.0	2.2		0.0								
7	6.8	0.2		0.2								
8	1.6	0.0		0.2								
9	0.0	13.0		0.2								
10	0.0	2.6		0.6								
11	0.0	0.0		15.4								
12	28.2	25.0		0.2								
13	25.6	0.0		5.4								
14	1.0			0.2								
15	0.0			0.0								
16	26.4			0.2								
17	0.0		0.0	1.8								
18	0.0		22.8	23.4								
19	0.0		15.8	7.2								
20	0.0		6.8	3.6								
21	0.0		0.0	4.0								
22	0.0		8.8	1.2								
23	0.0		18.8	33.2								
24	0.2		0.2	57.2								
25	1.0		0.2	27.4								
26	8.8		17.8	0.0								
27	0.4		0.0	0.0								
28	10.0		0.0	8.4								
29	6.6		2.4	10.2								
30	5.6		0.4	0.4								
31	24.2		0.0									

Rainfall Data (ALGIS)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Viqueque	126.366600	-8.866600	71

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.0	0.4			0.8	0.6						
2	18.4	0.6			0.6	0.6						
3	3.4	0.2			2.0	1.0						
4	13.0	0.0			51.6	1.4						
5	36.0				5.6	2.2						
6	1.4				11.4	2.0						
7	6.2				0.4	60.6						
8	5.2				0.2	3.8						
9	0.2				1.6	0.8						
10	4.4			0.2	4.0	3.0						
11	0.5			0.0	3.6	0.6						
12	52.9			0.0	3.6							
13	0.0			0.0	5.6							
14	7.6			0.4	0.2							
15	8.4			0.2	3.0							
16	7.6			0.2	22.4							
17	22.0			0.2	0.4							
18	2.8			4.2	1.0							
19	2.6			7.4	13.6							
20	11.0			5.4	1.2							
21	1.8			0.4	1.0							
22	1.0			0.2	0.8							
23	18.4			0.4	0.8							
24	9.6			1.4	1.0							
25	66.4			2.4	2.2							
26	34.6			1.0	3.0							
27	0.2			7.6	1.4							
28	1.6			1.8	8.0							
29	22.4			0.8	1.2							
30	0.2			0.4	0.8							
31	22.2				0.8							

2. SoL (Daily)

Rainfall Stations (SoL)

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Acumau	125.638500	-8.616610	975

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				8.0	0.0	1.0	0.0	0.0		0.0	0.0	11.2
2				4.8	0.0	0.4	0.0	0.0		0.0	0.0	5.8
3				0.0	0.0	0.2	0.0	0.0		0.0	0.0	6.4
4				4.0	1.4	2.6	0.0	0.0	1.0	0.0	0.0	25.8
5				1.2	14.6	0.0	0.0	0.0	0.0	0.0	0.0	3.6
6			31.2	52.6	0.0	9.2	0.0	0.0	0.0	0.0	0.0	6.0
7			31.4	7.6	0.0	16.0	0.0	0.0	0.0	0.0	0.0	1.0
8			2.6	42.6	0.0	2.2	4.6	0.0	0.0	0.0	0.0	10.6
9			8.2	1.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0
10			0.8	6.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	6.4
11			1.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2
12			0.0	0.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	25.4
13			1.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
14			26.6	0.0	5.2	0.0	0.0		0.0	9.0	0.0	0.0
15				0.0	0.0	0.0	0.0		0.0	0.0	3.0	44.0
16				0.0	7.6	0.2	0.0		0.0	0.0	3.0	11.4
17				0.0	5.2	0.0	0.0		0.0	7.0	6.4	1.2
18				0.0	9.2	0.0	0.0		0.4	0.0	8.2	6.8
19				0.2	7.6	0.0	0.0		0.0	0.0	2.2	42.6
20				0.8	0.0	1.6	0.0		0.0	0.0	8.6	3.2
21				0.0	40.6	3.0	0.0		0.0	0.0	0.8	0.0
22				0.0	5.2	19.4	17.8		0.0	0.0	0.0	17.4
23			0.0	0.0	11.8	0.4	0.0		0.0	0.0	0.0	0.0
24			0.4	0.0	35.2	5.8	0.0		0.0	0.0	0.0	21.8
25			1.4	0.0	4.0	12.6	0.0		0.0	0.0	26.0	14.8
26			7.8	0.0	0.0	1.0	0.0		0.0	0.0	77.2	26.8
27			74.0	0.0	0.0	0.2	0.0		0.0	0.0	0.0	29.8
28			25.6	0.0	0.0	0.0	0.0		0.6	0.0	0.8	0.4
29			0.0	0.0	11.4	0.0	0.0		0.0	0.0	0.0	0.0
30			10.6	0.0	0.0	0.0	0.0		0.0	0.0	26.6	7.8
31			0.8		0.0		0.0			0.0		2.8

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Acumau	125.638500	-8.616610	975

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.0	24.0	0.0	1.2	0.0	0.0	0.0	0.0				
2	15.0	16.6	0.0	17.2	0.0	0.0	0.0	0.0				
3	0.2	6.8	10.0	0.0	0.0	0.0	1.4	0.0				
4	2.6	10.0	5.8	56.2	0.0	0.0	0.0	0.0				
5	0.0	62.6	28.6	18.0	3.2	0.0	0.0	0.0				
6	4.2	2.6	1.4	0.2	0.8	0.0	0.0	0.0				
7	3.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0				
8	0.0	5.0	17.2	29.6	0.2	0.0	0.0	0.0				
9	0.8	4.4	39.2	24.8	1.0	0.0	0.0	0.0				
10	0.2	9.4	6.8	3.6	1.2	0.0	0.0	0.0				
11	0.0	0.0	18.6	0.0	40.4	0.0	0.4	0.0				
12	0.0	1.2	34.4	0.6	0.0	0.0	3.0	0.0				
13	0.0	62.0	0.0	0.6	0.0	0.0	0.0	0.0				
14	0.0	0.2	2.6	2.2	0.0	0.0	0.4	0.0				
15	2.8	65.4	5.2	3.8	0.0	7.6	25.0	0.0				
16	15.2	0.2	2.4	44.2	0.0	0.0	0.2	0.0				
17	0.2	4.8	37.0	13.8	2.0	0.0	0.0	0.0				
18	3.4	10.4	0.8	1.0	0.0	0.0	0.0	0.0				
19	0.2	0.8	25.0	3.4	0.0	0.0	0.0	0.0				
20	21.6	0.0	0.0	5.4	0.4	1.6	0.0	0.0				
21	11.0	0.0	0.0	15.6	0.0	26.6	0.0	0.0				
22	1.8	59.0	0.0	0.0	0.0	0.0	0.0	0.0				
23	15.4	6.2	2.2	0.0	0.0	0.0	0.0	0.0				
24	1.8	2.4	1.8	0.0	0.0	0.0	0.0	0.0				
25	4.0	5.0	0.2	0.0	0.0	0.0	0.0	0.0				
26	1.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0				
27	1.2	0.0	0.0	0.0	0.4	0.0	0.0					
28	5.0	0.0	0.0	0.0	0.0	1.4	0.0					
29	1.0		0.0	6.0	0.0	0.0	0.0					
30	16.8		0.0	0.8	0.0	0.0	0.0					
31	0.6		0.0		0.0		5.0					

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Quintal Portuga	125.564800	-8.704510	980

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											19.6	0.0
2											0.2	16.8
3											0.0	0.2
4											0.0	0.0
5											0.0	0.0
6											0.0	14.4
7											0.0	9.4
8											0.0	0.2
9											0.0	38.4
10											0.0	3.0
11											0.0	1.0
12										0.0	0.0	40.4
13										0.0	0.0	4.8
14										0.0	29.4	29.0
15										0.0	0.0	62.0
16										0.4	0.0	20.8
17										0.0	0.0	5.8
18										0.2	0.2	3.8
19										0.0	6.8	21.8
20										0.0	11.2	11.0
21										0.0	3.6	2.6
22										0.0	0.2	0.4
23										0.8	0.0	0.2
24										0.2	0.0	6.0
25										0.0	10.0	0.0
26										0.0	0.2	0.8
27										27.4	0.0	18.6
28										0.0	0.0	0.2
29										0.0	16.0	66.0
30										0.0	0.6	13.8
31										0.0		21.6

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.2	0.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	16.6
2	1.6	3.2	4.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	46.0
3	3.2	1.2	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	5.0
4	7.4	0.4	1.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	17.8
5	49.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.8
6	3.2	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	12.8
7	4.2	10.4	10.5	0.0	0.0	21.0	4.5	0.0	0.0	0.0	0.0	2.4
8	12.0	24.4	3.0	0.0	0.0	1.5	7.5	0.0	0.0	0.0	0.0	1.2
9	14.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	15.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	4.0
11	31.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
12	4.6	37.2	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	1.0	17.0
13	7.4	38.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.4	13.4
14	6.0	13.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	32.8	3.2	0.2
15	0.2	36.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	39.0	20.8
16	6.0	45.4	30.0	0.0	0.0	0.0	0.0	0.0	0.0	21.8	2.6	29.2
17	18.2	40.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	1.4
18	1.8	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	11.6	1.4
19	6.6	24.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	57.8
20	4.4	32.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6
21	0.0	40.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
22	0.2	2.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	10.6
23	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
24	0.0	0.2	24.5	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.2	16.6
25	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	10.8
26	2.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	20.4
27	0.6	2.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	8.4
28	8.8	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.8	0.0
29	23.6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
30	7.8		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.8
31	21.6		0.0		0.0		0.0	0.0		0.0		12.6

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Quintal Portuga	125.564800	-8.704510	980

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.0	41.0	0.0	2.4	5.0	0.0	0.0	0.0				
2	5.4	15.4	0.0	1.2	0.2	0.0	0.0	0.0				
3	0.4	5.0	9.2	0.0	0.0	0.0	0.0	0.0				
4	0.8	18.0	6.8	0.0	0.2	0.0	0.0	0.0				
5	0.2	0.2	10.8	4.0	0.6	0.0	0.0	0.0				
6	0.0	0.0	11.4	2.0	0.6	0.0	0.0	0.0				
7	0.0	0.0	8.2	0.0	0.0	0.0	0.0	0.0				
8	0.0	7.6	1.0	0.2	0.0	0.0	0.0	0.0				
9	22.4	10.2	0.2	8.8	0.6	0.0	0.0	0.0				
10	19.4	17.8	17.0	13.6	7.6	0.0	0.0	0.0				
11	0.2	0.0	11.2	33.6	7.6	0.0	0.0	0.0				
12	0.0	0.0	4.6	1.4	0.0	0.0	0.6	0.0				
13	0.0	69.8	0.0	8.4	0.0	0.0	0.0	0.0				
14	0.0	0.4	1.4	20.0	0.0	0.0	1.8	0.0				
15	6.8	2.2	10.4	37.4	0.0	2.6	0.4	0.0				
16	1.6	0.0	47.0	8.4	0.0	0.2	0.2	0.0				
17	1.6	3.8	33.6	21.4	0.0	0.0	0.0	0.0				
18	1.0	13.6	7.4	0.2	2.4	0.0	0.0	0.0				
19	5.0	5.6	13.6	14.2	0.0	0.0	0.0	0.0				
20	9.4	1.6	0.2	0.6	0.0	3.8	0.0	0.0				
21	6.4	0.0	0.6	0.0	0.0	20.4	0.0	0.0				
22	4.0	80.2	0.0	0.0	0.0	0.0	0.0	0.0				
23	3.6	0.2	6.0	0.0	0.2	0.0	0.0	0.0				
24	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
25	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0				
26	1.0	1.0	50.6	0.0	0.0	0.0	0.0					
27	1.2	0.0	0.2	0.2	0.0	0.0	0.0					
28	14.0	0.0	0.0	0.0	0.0	0.0	0.0					
29	0.8		0.0	4.8	0.0	0.0	0.0					
30	17.0		0.0	0.8	0.0	0.0	0.0					
31	7.6		0.2		0.0		0.0					

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Seloi Malere	125.560700	-8.733640	925

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												0.0
2												5.4
3												0.0
4												0.0
5												0.0
6												14.6
7												4.2
8											0.0	0.2
9											0.0	12.8
10											0.0	0.2
11											0.0	0.0
12											0.0	39.6
13											0.0	3.8
14											14.2	20.6
15											0.0	76.4
16											0.0	20.8
17											0.0	43.6
18											0.0	29.2
19											6.2	3.2
20											19.6	14.2
21											0.8	1.8
22											0.2	0.2
23											0.0	0.0
24											6.4	2.0
25											6.0	0.2
26											0.0	0.4
27											0.0	21.8
28											0.0	2.2
29											1.6	47.6
30											0.2	30.0
31												13.2

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	46.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	17.2
2	1.4	0.4	1.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2	30.8
3	3.4	11.8	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
4	18.2	0.2	9.6	0.0	8.6	0.4	0.2	0.0	0.0	0.0	0.0	47.2
5	35.8	0.0	14.2	0.0	4.0	0.2	0.2	0.0	0.4	0.0	0.0	51.0
6	1.2	0.0	2.4	9.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	14.4
7	1.8	0.0	6.0	4.6	0.0	22.2	0.0	0.0	0.0	0.0	0.0	1.4
8	13.8	59.2	0.4	32.6	0.0	0.6	8.6	0.0	0.0	0.0	0.0	4.8
9	13.0	2.2	0.4	24.8	0.0	0.2	0.8	0.0	0.0	0.0	0.0	0.2
10	13.0	10.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.2	5.2
11	65.6	32.0	0.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
12	2.6	20.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	48.0
13	5.8	12.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
14	2.6	2.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	32.2	2.8	0.2
15	0.2	53.6	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	51.0	26.6
16	6.2	77.8	31.2	0.0	1.0	0.0	0.0	0.0	0.0	14.4	1.2	10.0
17	18.6	61.4	0.2	0.0	2.0	0.0	0.0	0.0	0.0	0.2	0.8	0.2
18	1.8	40.2	0.0	0.0	2.8	0.2	0.0	0.0	0.0	0.0	5.0	0.2
19	20.2	61.2	0.0	0.4	7.0	0.0	0.0	0.0	0.0	0.0	1.0	78.8
20	2.4	31.0	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	34.0
21	0.0	29.4	0.0	0.0	21.2	17.2	7.4	0.0	0.0	0.0	0.8	0.0
22	0.0	4.2	0.2	0.2	8.8	10.0	0.0	0.0	0.0	0.0	0.0	12.6
23	0.0	6.0	0.2	0.0	30.8	0.4	0.0	0.0	0.0	0.0	0.0	0.2
24	0.0	0.0	13.8	0.0	5.6	1.0	0.0	0.0	0.0	0.0	3.2	10.8
25	4.2	0.0	2.0	0.0	2.4	3.2	0.0	0.0	0.0	0.0	1.2	8.8
26	14.2	2.0	21.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	23.2
27	0.8	2.8	13.0	0.0	0.0	15.2	0.0	0.0	0.2	0.0	0.0	1.8
28	26.2	0.4	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	18.0	0.0
29	48.0		0.8	0.0	0.8	0.0	0.0	0.0	0.4	0.0	14.2	0.0
30	7.0		0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	16.6	1.6
31	33.8		0.0		0.0		0.0	0.0		0.0		34.6

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Seloi Malere	125.560700	-8.733640	925

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.4	40.6	0.0	0.0	2.4	0.0						
2	16.6	6.2	0.0	0.0	0.2	0.0						
3	0.2	2.4	9.8	0.0	0.0	0.0						
4	0.2	11.0	3.8	0.0	0.2	0.0						
5	0.4	0.0	1.8	13.4	1.0	0.0						
6	0.0	0.0	0.4	0.2	0.2	0.0						
7	0.0	0.0	9.2	0.2	0.0	0.0						
8	0.2	2.6	0.0	0.2	0.0	0.0						
9	6.4	0.0	0.0	20.4	2.4	0.0						
10	17.0	0.0	4.8	0.0	10.0	0.0						
11	0.0	0.0	26.4	45.0	0.0	0.0						
12	0.0	0.0	0.2	6.4	0.0	0.0						
13	0.0	99.8	0.2	29.4	0.0	0.0						
14	0.0	0.6	0.0	28.0	0.0							
15	5.4	0.0	9.4	31.0	0.0							
16	1.0	0.0	21.4	37.6	0.0							
17	2.6	2.8	11.6	1.2	5.8							
18	0.8	14.8	5.0	0.2	3.8							
19	5.4	4.6	13.2	21.0	0.0							
20	10.0	1.4	0.0	4.2	0.0							
21	9.4	0.0	0.0	0.2	0.0							
22	1.4	48.6	0.0	0.0	0.0							
23	6.2	0.2	6.8	0.0	0.0							
24	9.8	0.0	18.2	0.0	1.2							
25	0.0	0.0	17.0	0.0	0.2							
26	1.6	0.8	43.8	0.0	0.0							
27	0.8	0.0	0.2	0.0	0.2							
28	16.4	0.0	0.0	0.0	0.0							
29	0.8		0.0	13.6	0.0							
30	29.0		0.2	0.0	0.0							
31	1.4		0.0		0.0							

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Urulefa	125.612400	-8.836920	1,316

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											0.0	0.0
2											0.0	0.0
3											0.0	0.0
4											0.0	0.0
5											0.0	0.0
6											0.0	22.0
7											0.0	0.2
8											0.0	0.0
9											0.0	65.8
10											0.0	13.6
11											0.0	2.8
12										0.0	0.0	27.6
13										0.0	0.0	24.0
14										0.0	2.4	0.0
15										0.0	0.0	90.0
16										0.0	0.0	9.0
17										0.0	0.0	0.4
18										0.0	0.0	15.4
19										0.0	4.2	11.4
20										0.0	0.4	12.8
21										0.0	36.4	2.0
22										0.0	2.2	0.2
23										0.0	0.0	0.0
24										8.4	0.0	3.6
25										0.0	23.4	4.4
26										2.4	0.0	2.6
27										0.0	0.0	18.2
28										0.0	0.0	0.2
29										0.0	0.2	35.2
30										0.0	0.0	25.8
31										0.0		12.0

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	58.6	5.2	0.0	13.0	0.2	2.0	3.2	0.0		0.0	5.0	0.8
2	15.8	10.6	4.2	21.4	0.0	4.4	0.4	0.0		0.0	0.2	2.8
3	10.6	82.4	13.8	0.2	6.0	8.8	0.0	0.0		0.0	0.0	0.2
4	49.0	0.2	8.6	0.2	24.6	2.4	0.0	0.0		0.0	0.0	7.4
5	46.6	0.0	13.0	21.8	9.0	1.4	0.0	0.0	0.2	0.0	0.0	12.6
6	1.8	0.0	0.6	13.2	0.4	8.0	0.8	0.0	0.2	0.0	0.0	31.6
7	0.0	0.0	0.0	3.8	0.0	59.6	2.4	0.0	0.0	0.0	0.0	2.4
8	13.8	3.4	0.0	35.8	0.0	8.2	58.6	0.0	0.0	0.0	0.0	13.8
9	10.4	0.2	7.2	24.0	0.0	0.0	17.6	0.0	0.0	0.0	0.0	1.6
10	4.4	16.6	4.0	0.2	0.0	1.4	14.0	0.0	0.0	0.0	2.0	25.4
11	9.8	8.4	0.4	1.4	0.0	2.4	0.6	0.0	0.0	0.0	0.2	1.4
12	2.8	38.8	0.0	0.0	0.0	0.0	59.6	0.0	0.0	0.0	0.0	12.8
13	6.6	1.4	8.8	0.0	0.0	0.0	4.2		0.0	0.0	14.2	0.0
14	1.2	2.4	21.0	0.0	0.6	0.0	10.0		0.0	7.0	14.8	0.0
15	0.0	19.0	29.2	0.0	0.4	0.0	2.4		0.0	38.2	7.8	7.4
16	7.0	41.0	0.2	0.0	1.6	0.0	0.0		0.0	13.8	0.2	23.4
17	11.4	8.6	0.0	0.0	19.2	0.0	0.0		0.0	1.6	0.0	0.8
18	0.2	28.0	0.0	0.0	13.6	0.0	0.0		0.0	0.0	66.0	2.6
19	11.6	21.8	0.0	0.2	15.8	24.0	0.0		0.0	0.0	0.4	47.6
20	0.6	35.4	0.0	3.0	33.6	0.4	0.0		0.0	0.0	0.2	19.4
21	0.0	5.6	0.0	0.2	13.2	1.8	1.8		0.0	0.0	2.4	0.0
22	0.0	3.0	13.6	0.0	1.2	15.0	8.0		0.0	0.0	3.0	42.6
23	0.2	2.2	0.2	0.0	16.8	1.8	5.6		0.0	0.0	2.6	0.0
24	0.0	1.0	0.2	0.0	3.6	3.4	0.0		0.0	0.0	0.0	4.8
25	0.4	0.0	0.2	0.2	23.6	9.6	0.0		0.0	0.0	6.6	2.6
26	58.8	2.0	1.6	0.0	0.0	0.2	0.0		0.0	2.6	6.0	6.6
27	0.2	0.4	7.6	6.4	0.0	0.0	0.0		0.0	0.0	4.2	2.8
28	3.2	0.0	3.4	0.4	0.6	0.0	0.0		0.0	0.0	0.2	0.0
29	44.6		0.2	0.0	10.6	0.0	0.2		0.0	0.0	0.0	0.2
30	21.2		0.2	0.8	0.0	14.2	0.0		0.0	0.0	25.8	15.8
31	44.6		0.0		0.6		0.0			0.0		15.4

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Urulefa	125.612400	-8.836920	1,316

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.2					0.0	4.0	0.0				
2	11.0					2.8	0.0	0.0				
3	4.0					2.2	1.2	0.2				
4	10.6					1.8	0.2	0.0				
5	12.4					9.6	0.0	0.0				
6	7.2					14.6	0.0	0.0				
7	0.0					7.0	0.0	0.0				
8	0.0					23.2	0.0	0.8				
9	1.2					9.4	0.0	0.0				
10	16.0					0.0	0.0	0.0				
11	0.0					0.0	9.8	0.0				
12	1.0					0.0	0.0	0.0				
13	3.6					0.0	0.0	0.0				
14	0.6					0.0	17.0	0.0				
15	1.4					10.0	5.0	0.0				
16	0.0					10.0	0.2	0.0				
17	0.0					0.2	0.0	0.0				
18	0.6				6.0	0.0	0.2	0.0				
19	0.8				4.4	3.4	1.0	0.0				
20	2.0				1.4	13.2	0.0	0.0				
21	7.8				0.0	40.8	0.0	0.0				
22	4.6				1.0	0.2	0.0	0.0				
23	0.0				12.2	0.0	0.0	0.0				
24	0.0				4.2	0.0	0.0	0.0				
25	0.6				0.2	0.0	0.0	0.0				
26	0.2				0.2	0.0	0.0					
27	0.0				12.0	2.0	0.0					
28	1.4				2.0	0.2	0.2					
29					0.0	0.2	2.8					
30					0.0	0.0	0.0					
31					1.4		0.0					

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Aituto	125.596580	8.891350	1,667

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											0.0	0.0
2											0.0	0.0
3											0.0	0.0
4											0.0	0.0
5											0.0	7.4
6											0.0	6.2
7											0.0	0.0
8											0.0	0.0
9											0.0	9.2
10											0.0	28.4
11											0.0	0.4
12										0.0	0.0	51.8
13										0.0	0.0	2.0
14										0.0	0.0	0.2
15										0.0	0.0	63.6
16										0.0	0.0	8.4
17										0.0	0.0	0.0
18										0.0	0.0	6.6
19										0.0	2.6	29.8
20										0.0	0.4	0.2
21										0.0	15.8	0.6
22										0.0	1.2	0.0
23										0.0	0.0	0.0
24										6.2	0.0	12.4
25										1.0	8.4	1.6
26										9.4	0.0	2.0
27										0.2	0.0	13.6
28										0.0	0.0	2.2
29										0.0	0.2	8.8
30										0.0	0.0	15.4
31										0.0		14.2

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	68.0	26.8	0.0	0.4	0.0	1.4	11.0	0.0	0.8	0.0	0.0	0.2
2	24.6	32.6	1.6	53.0	0.0	14.0	2.2	0.0	0.0	0.0	0.0	4.8
3	61.0	48.8	17.6	0.0	7.2	22.0	0.0	0.0	13.0	0.0	0.0	9.2
4	26.4	0.0	8.6	0.4	37.0	11.8	0.0	0.0	9.6	0.0	0.0	8.4
5	31.8	0.0	11.0	21.0	46.2	3.6	0.0	0.0	0.6	0.0	0.0	7.8
6	1.4	0.0	1.6	23.4	1.8	5.2	3.2	0.0	0.8	0.0	0.0	80.4
7	0.0	0.0	1.0	13.8	0.2	75.0	8.2	0.0	0.0	0.0	0.0	1.8
8	18.6	4.2	0.0	47.4	0.0	32.4	90.0	0.0	0.0	0.0	0.2	6.2
9	11.4	0.2	4.0	37.6	0.0	0.0	34.6	0.0	0.0	0.0	0.0	0.2
10	12.0	10.4	8.2	0.2	0.0	1.4	23.4	0.0	0.0	0.0	9.2	39.6
11	6.4	17.6	0.2	2.0	0.0	1.4	2.6	0.0	0.0	0.0	0.0	0.2
12	3.8	33.2	0.2	0.0	0.0	0.0	88.6	0.2	0.0	0.0	0.0	16.4
13	14.4	12.0	3.8	0.4	0.0	0.0	15.6	0.0	0.0	0.0	4.4	2.2
14	4.6	13.0	13.0	0.0	0.0	0.0	21.6	0.0	0.0	14.0	43.2	0.0
15	0.0	30.6	7.0	0.0	5.8	0.0	4.6	0.0	0.0	16.0	13.2	26.2
16	6.6	34.6	0.0	0.0	5.4	0.0	0.0	0.0	0.0	14.2	0.6	1.0
17	11.8	8.4	0.0	0.0	14.4	0.0	0.0	0.0	0.0	26.4	0.0	38.6
18	0.2	25.2	0.0	0.2	10.6	0.0	0.0	0.0	0.0	0.0	50.2	7.2
19	9.8	5.6	0.0	0.8	16.0	2.4	0.4	0.0	0.0	0.0	1.4	54.8
20	1.4	41.2	0.0	6.2	1.2	0.2	0.2	0.0	0.0	0.0	0.4	23.0
21	0.0	1.4	0.0	0.0	13.8	7.0	0.8	0.0	0.0	0.0	0.8	0.2
22	0.0	2.0	0.4	0.0	7.6	34.6	19.4	0.0	0.0	0.0	6.2	16.0
23	0.2	0.2	0.0	0.0	21.6	0.6	14.2	0.0	0.0	0.0	34.4	0.0
24	0.0	1.6	0.0	0.0	1.6	1.4	0.0	0.0	0.0	0.0	0.2	1.0
25	0.0	0.0	0.0	0.0	34.6	0.0	0.0	0.0	0.0	0.0	12.6	0.6
26	0.0	1.6	13.2	0.0	0.0	0.0	0.2	0.0	0.0	6.0	10.0	5.6
27	0.4	0.0	9.2	7.8	1.2	0.0	0.0	3.2	0.0	0.0	4.6	1.4
28	0.4	0.0	34.2	0.2	2.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0
29	36.0		0.0	0.4	14.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0
30	10.0		0.0	1.0	0.2	28.0	0.0	0.0	0.0	0.0	4.4	15.0
31	20.0		0.0		4.0		0.0	0.0		0.0		41.4

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Aituto	125.596580	8.891350	1,667

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.4	30.6	0.0	14.8	2.8	0.0	8.6	0.0				
2	37.6	10.2	0.6	0.6	0.0	7.0	0.0	0.0				
3	2.2	6.0	0.0	0.0	0.2	4.4	6.2	0.6				
4	4.4	4.2	1.0	0.0	0.0	3.8	0.4	1.4				
5	1.2	0.0	0.0	0.0	7.8	17.2	0.0	0.0				
6	3.6	0.0	2.8	0.0	9.4	33.2	1.0	0.0				
7	0.0	0.0	0.0	0.0	0.4	25.8	0.0	0.6				
8	0.0	0.0	0.8	58.2	0.0	53.2	0.0	1.4				
9	7.0	0.0	8.6	23.6	17.4	19.4	0.0	0.0				
10	25.2	0.0	38.0	12.6	22.2	0.2	0.0	0.0				
11	0.0	0.0	9.2	1.0	3.0	0.2	1.8	0.0				
12	5.6	6.2	3.2	42.0	0.6	0.0	0.8	0.0				
13	2.2	35.0	2.0	15.2	3.4	0.0	0.2	0.2				
14	1.4	21.2	14.2	4.8	0.0	0.0	5.8	0.0				
15	1.6	0.0	19.4	9.0	0.0	14.4	1.0	0.4				
16	1.4	0.0	5.8	12.2	0.8	22.4	0.2	0.6				
17	0.6	10.6	0.2	28.6	3.0	0.2	0.0	0.4				
18	1.4	10.0	9.6	0.0	21.4	0.0	1.0	0.4				
19	0.8	1.2	39.6	7.0	9.0	15.2	3.4	0.0				
20	6.6	4.2	0.0	26.6	4.4	21.8	0.0	0.0				
21	9.4	0.0	0.0	30.4	1.6	55.0	0.0	0.0				
22	8.8	6.4	0.0	0.0	1.8	0.6	0.0	0.0				
23	0.8	0.0	0.6	0.0	28.2	0.2	0.0	0.0				
24	1.6	0.0	0.0	0.0	12.2	0.0	0.0	0.0				
25	0.8	4.0	36.2	0.0	0.0	0.0	0.2	0.0				
26	1.6	0.6	58.4	0.0	1.0	0.0	0.0	0.0				
27	0.0	0.0	0.0	0.0	22.6	3.8	0.0					
28	1.2	0.0	0.0	0.0	2.0	1.2	0.6					
29	1.6		0.0	16.0	0.0	2.2	6.4					
30	3.8		12.0	0.0	1.8	0.0	0.0					
31	4.2		0.0		2.2		0.6					

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Ostico	126.330210	-8.535510	695

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		42.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0			
2		0.0	7.4	0.0	0.0	0.2	0.0	0.0	0.2			
3		0.0	12.2	0.0	0.4	0.2	0.0	0.0	0.0			
4		0.0	2.2	27.6	2.0	9.2	0.0	0.0	0.0			
5		0.0	2.4	5.0	8.8	0.0	0.0	0.0	0.0			
6		0.0	0.2	14.4	0.0	4.2	0.0	0.0	0.0			
7		0.6	0.6	3.0	0.0	54.6	0.0	0.0	0.0			
8		10.4	0.2	16.2	0.0	0.4	14.6	0.0	0.0			
9		11.2	1.2	2.2	0.0	0.0	31.8	0.0	0.0			
10		0.2	4.4	5.6	0.0	0.0	0.0	0.0	0.0			
11		30.0	34.4	1.4	0.0	0.0	9.0	0.0	0.0			
12		2.2	2.0	0.0	0.0	0.0	44.0	0.0				
13		21.0	0.2	0.0	0.0	0.0	0.2	0.0				
14		9.4	19.0	0.0	21.6	0.0	0.0	0.0				
15		46.0	0.0	0.0	0.0	0.0	0.2	0.0				
16		45.6	4.2	0.0	52.2	0.0	0.0	0.0				
17		14.0	0.0	0.0	4.6	0.0	0.0	0.0				
18		18.8	0.0	0.0	12.2	0.0	0.0	0.0				
19		34.0	0.0	0.0	1.0	0.0	0.0	0.0				
20		58.2	0.0	1.8	0.0	0.0	0.0	0.0				
21		26.6	0.0	0.0	42.4	3.2	2.6	0.0				
22		5.6	0.0	0.0	13.6	38.2	1.6	0.0				
23		2.2	0.0	0.0	58.8	3.2	0.0	0.0				
24		19.2	1.8	0.0	2.6	0.2	0.0	0.0				
25		0.0	7.8	0.0	35.0	6.4	0.0	0.0				
26	2.6	3.2	26.6	0.0	0.0	0.0	0.0	0.0				
27	2.8	3.8	27.8	0.0	2.8	0.8	0.0	0.0				
28	0.6	4.0	30.4	0.0	0.8	0.0	0.0	0.2				
29	25.6		0.4	0.0	6.8	0.0	0.0	0.0				
30	1.2		0.4	0.0	1.0	0.0	0.0	0.0				
31	0.0		7.0		0.0		0.0	0.0				

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Ostico	126.330210	-8.535510	695

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Darasula	126.346500	-8.535100	690

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		14.4	0.0	0.8	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24.4
2		0.0	6.2	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	5.6
3		0.2	22.4	0.0	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.2
4		0.0	2.8	3.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	34.6
5		0.2	2.2	0.0	7.6	0.0	0.0	0.0	0.0	0.0	2.8	1.8
6		0.0	1.4	12.0	0.2	3.2	0.0	0.0	0.0	0.0	0.0	6.8
7		0.0	0.8	3.6	0.0	55.2	0.0	0.0	0.0	0.0	0.0	0.6
8		0.0	0.0	18.6	0.0	0.4	14.8	0.0	0.0	0.0	0.0	0.0
9		14.0	7.4	7.6	0.0	0.0	33.2	0.0	0.0	0.0	0.0	5.4
10		0.0	1.8	23.6	0.0	0.4	0.0	0.0	0.0	0.0	10.2	9.2
11		8.8	29.4	1.4	0.0	0.0	10.8	0.0	0.0	0.0	0.4	0.0
12		4.0	3.6	0.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0	5.0
13		4.4	0.2	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
14		16.6	52.0	0.0	3.2	0.0	0.0	0.0	0.0	4.8	0.0	0.0
15		31.2	0.2	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	2.0
16		63.4	10.4	0.0	28.4	0.0	0.0	0.0	0.0	0.0	3.0	9.0
17		14.4	0.0	0.0	6.6	0.0	0.0	0.0	0.0	31.6	15.6	0.0
18		2.2	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	39.6	0.4
19		11.8	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.2	70.4
20		15.2	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	4.4	17.2
21		35.4	0.0	0.0	24.0	7.2	0.2	0.0	0.0	0.0	0.4	7.2
22		6.2	1.8	0.0	60.6	20.4	1.4	0.0	0.0	0.0	1.2	1.8
23		3.2	0.2	0.0	88.4	2.8	0.0	0.0	0.0	0.0	0.2	4.8
24		17.2	1.8	0.0	0.6	2.4	0.0	0.0	0.0	0.0	7.6	2.6
25		0.8	6.8	0.0	37.4	8.8	0.0	0.0	0.0	0.0	46.0	25.8
26	0.2	5.6	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.4	34.4
27	0.4	4.8	9.4	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	33.6
28	0.2	4.4	14.6	0.0	1.2	0.0	0.0	0.0	2.6	0.0	19.8	5.4
29	95.2		1.8	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0
30	3.6		0.6	0.0	1.4	0.0	0.0	0.0	0.0	0.0	16.8	0.0
31	0.2		11.0		0.0		0.0	0.0		0.0		9.4

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Darasula	126.346500	-8.535100	690

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.4	24.8	0.0	10.8	10.0	0.0	0.0	0.0				
2	0.8	29.0	0.0	11.4	4.0	0.0	0.0	0.0				
3	3.4	1.0	0.0	0.2	0.0	0.0	0.0	0.0				
4	1.0	1.2	1.6	0.8	0.0	0.0	0.0	0.0				
5	0.0	0.0	11.2	0.2	0.0	0.0	0.0	0.0				
6	0.0	0.0	1.6	0.0	0.2	2.0	0.0	0.0				
7	0.0	0.0	11.0	0.0	0.0	0.6	0.0	0.0				
8	5.6	0.0	6.6	0.0	0.0	4.2	0.0	0.0				
9	0.2	0.0	0.2	28.6	0.0	0.0	0.0	0.0				
10	7.2	0.0	1.2	40.2	0.4	0.0	0.0	0.0				
11	2.6	0.0	9.4	4.0	0.0	0.0	0.0	0.0				
12	0.0	0.2	1.6	9.6	0.0	0.0	0.0	0.0				
13	5.8	16.0	0.2	20.0	0.0	0.0	0.0	0.0				
14	0.4	2.0	0.0	16.8	0.0	0.0	8.8	0.0				
15	0.0	1.4	5.8	0.0	0.0	0.8	0.4	0.0				
16	9.4	0.0	6.8	0.0	0.0	0.4	0.0	0.0				
17	1.8	0.0	26.4	16.2	0.8	0.0	0.0	0.0				
18	0.0	6.4	0.4	0.2	9.6	0.0	0.0	0.0				
19	0.0	0.2	5.0	20.2	6.8	0.4	0.0	0.0				
20	1.2	0.0	0.0	44.0	0.0	7.6	0.0					
21	9.4	1.8	0.0	27.8	0.0	54.0	0.0					
22	3.2	95.8	0.0	0.0	0.0	0.4	0.0					
23	3.2	11.4	0.0	2.6	0.6	0.0	0.0					
24	8.4	0.0	11.8	0.0	0.0	0.0	0.0					
25	34.0	4.6	26.8	0.2	0.0	0.0	0.0					
26	0.6	0.2	13.2	0.0	0.0	0.0	0.0					
27	0.0	0.0	0.2	0.0	0.0	0.0	0.0					
28	2.4	0.0	0.0	2.2	0.0	18.0	0.0					
29	0.6		0.0	0.6	0.0	0.0	0.0					
30	1.6		0.6	0.0	1.2	0.0	0.0					
31	0.2		2.8		2.8		2.0					

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Fatulia	126.360720	8.656130	854

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		3.4	0.2	5.4	0.0	2.0	0.4	0.0	1.2	0.0	0.0	11.8
2		5.2	49.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	3.8
3		7.0	41.6	0.0	0.2	1.6	0.2	0.0	1.4	0.0	0.0	0.0
4		0.0	3.0	13.0	15.0	0.0	0.0	0.0	0.8	0.0	0.0	6.6
5		0.0	0.8	0.8	12.4	3.6	0.0	0.0	0.0	0.0	0.0	67.4
6		0.0	5.4	6.0	0.2	0.6	0.0	0.0	0.0	0.0	0.2	4.0
7		0.0	7.2	0.4	0.0	135.8	1.4	0.0	0.0	0.0	0.0	3.6
8		0.0	4.4	26.2	0.0	0.6	32.0	0.0	0.0	0.0	0.0	5.8
9		9.4	14.0	0.6	0.0	0.0	56.6	0.0	0.0	0.0	0.0	4.8
10		71.2	5.2	0.0	0.0	0.4	0.8	0.0	0.0	0.0	8.6	15.2
11		4.4	30.2	0.2	0.0	2.8	15.2	0.0	0.8	0.0	0.0	0.0
12		12.6	14.6	0.0	0.0	0.0	64.0	0.0	0.0	0.0	0.0	0.2
13		12.4	25.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	1.2	0.0
14		0.2	78.4	0.0	20.4	0.0	0.6	0.0	0.0	3.4	2.4	0.0
15		22.0	14.2	0.0	0.0	0.0	3.4	0.0	0.0	0.0	55.8	43.6
16		73.6	5.4	0.0	16.6	0.0	0.0	0.0	0.0	0.0	0.0	7.6
17		8.0	0.0	0.0	26.6	0.0	0.0	0.0	0.0	19.6	2.2	0.2
18		23.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0	0.0	4.2	9.6
19		32.4	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.2	9.6
20		9.0	0.0	5.0	0.0	1.6	0.0	0.0	0.0	0.0	5.0	14.4
21		29.6	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
22		6.6	0.0	0.0	42.8	28.0	8.8	0.0	0.0	0.0	15.8	23.4
23		3.2	0.0	0.0	49.2	2.4	0.0	0.0	0.0	0.0	35.6	31.6
24		1.2	9.4	0.0	0.4	13.8	0.0	0.0	0.0	0.0	4.0	7.2
25	0.0	5.4	8.6	0.0	63.8	2.6	0.0	0.0	0.0	0.0	32.0	8.8
26	1.4	2.4	18.8	0.0	0.0	0.0	0.0	0.0	0.0	1.4	4.2	39.0
27	0.0	10.0	2.2	0.2	3.4	0.0	0.0	0.0	0.0	0.0	10.2	5.2
28	11.0	2.0	0.2	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.2	1.4
29	8.8		1.8	0.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	49.6		0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	34.2	0.0
31	5.0		5.4		5.8		0.0	0.0		0.0		33.2

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Fatulia	126.360720	8.656130	854

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	22.6	0.0	0.0	16.0	0.0	0.0	0.0				
2	2.6	54.8	0.0	0.0	0.0	2.2	0.0	0.0				
3	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0				
4	0.2	2.6	0.0	0.0	0.0	1.4	0.0	0.0				
5	0.0	6.6	1.0	0.0	0.0	0.8	0.0	0.0				
6	0.0	0.8	1.0	0.0	0.0	16.2	0.4	0.0				
7	0.0	0.0	1.2	26.2	0.4	4.4	0.0	0.0				
8	0.0	0.6	5.2	20.4	1.4	14.4	0.0	0.4				
9	1.4	0.0	11.2	56.8	0.2	1.6	0.0	0.0				
10	6.4	0.0	4.8	0.0	1.8	0.0	0.0	0.0				
11	0.2	0.0	7.2	0.0	0.0	0.0	0.0	0.0				
12	1.6	28.2	14.0	1.8	0.0	0.0	0.0	0.0				
13	9.4	6.0	4.0	16.4	0.2	0.0	0.0	0.0				
14	2.6	0.0	6.2	3.2	1.2	0.0	5.0	0.0				
15	0.0	8.8	42.4	0.0	0.4	1.6	10.2	0.0				
16	2.0	0.2	25.8	0.0	0.0	1.0	0.0	0.0				
17	6.2	3.4	22.6	82.4	0.0	0.0	0.0	0.0				
18	0.0	10.2	3.8	0.4	16.2	0.0	0.0	0.0				
19	8.8	0.8	18.4	0.0	3.8	3.2	0.2					
20	7.6	0.0	0.0	10.6	0.2	29.4	0.0					
21	20.8	3.0	0.0	0.0	0.6	36.4	0.0					
22	3.6	11.0	0.0	0.0	0.0	0.0	0.0					
23	0.2	3.8	0.4	0.4	4.2	0.0	0.0					
24	1.8	7.2	12.0	0.0	1.8	0.0	0.0					
25	16.4	15.6	23.0	1.8	0.0	0.0	0.0					
26	14.8	2.0	4.2	0.0	0.0	0.0	0.0					
27	2.2	0.0	0.0	0.0	0.2	0.0	0.0					
28	3.4	0.0	0.0	0.0	0.0	0.4	0.4					
29	0.2		0.0	2.4	0.0	0.0	3.8					
30	5.4		5.8	0.2	0.0	0.0	0.0					
31	0.4		0.0		2.4		0.0					

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Ritabou	125.205370	-8.947170	163

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											0.0	0.0
2											0.0	0.2
3											0.0	0.0
4											0.0	0.0
5											0.0	1.2
6											0.0	32.2
7											0.0	0.0
8											0.0	0.0
9											0.0	23.0
10											0.2	42.8
11											0.0	21.4
12											0.0	50.6
13											0.0	31.2
14											3.2	17.4
15											0.2	115.8
16											0.0	0.8
17											0.0	55.2
18											0.0	22.4
19										0.0	0.6	6.4
20										0.0	76.2	25.2
21										0.0	10.8	9.0
22										0.0	48.0	4.6
23										0.0	0.0	13.6
24										0.0	0.0	6.4
25										0.0	1.8	5.4
26										15.0	0.0	79.2
27										0.4	0.0	8.8
28										0.0	0.0	3.4
29										0.0	0.0	27.4
30										0.0	29.4	2.2
31										0.0		14.4

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	70.2	3.4	0.0	0.0	0.0	21.0	0.0	0.0		0.0	2.4	5.4
2	37.0	2.0	11.2	0.2	0.0	0.8	0.0	0.0		0.0	0.0	4.4
3	0.0	9.6	49.2	0.2	0.0	0.0	0.0	0.0		0.0	0.0	3.4
4	71.8	0.2	10.8	0.0	0.6	0.0	0.0	0.0		3.2	0.0	56.2
5	70.8	0.0	51.2	0.4	4.2	0.0	0.0	0.0		0.0	0.0	55.8
6	57.8	0.0	18.6	41.4	0.0	0.2	0.0	0.0		0.0	0.0	90.2
7	3.8	0.0	20.8	0.4	0.0	19.6	0.0	0.0		0.0	0.0	6.0
8	15.2	2.6	0.2	24.0	0.0	29.2	4.4	0.0		0.0	0.0	12.6
9	14.6	1.4	11.2	15.8	0.0	0.0	0.2	0.0		0.0	0.0	5.4
10	22.2	0.2	31.8	48.2	0.0	0.0	0.0	0.0		0.0	0.0	12.2
11	6.8	0.0	9.0	8.8	0.0	0.0	0.0	0.0		0.0	0.0	0.0
12	34.6	22.8	0.4	0.0	0.0	0.0	19.6			0.0	0.0	91.2
13	12.8	28.4	15.6	0.0	0.0	0.0	0.0			0.0	13.6	0.8
14	37.0	11.6	16.2	0.0	0.0	0.0	0.0			19.8	51.2	0.0
15	3.0	60.0	0.0	0.0	0.0	0.0	0.0			30.0	4.8	38.8
16	12.4	47.8	32.2	0.0	0.0	0.0	0.0			24.4	0.0	32.2
17	19.4	0.2	6.2	0.0	58.4	0.0	0.0		0.0	24.8	16.4	3.2
18	17.4	16.8	0.0	0.0	4.8	0.0	0.0		0.0	0.2	34.2	0.4
19	57.8	43.6	0.0	0.0	83.0	0.0	0.0		0.0	0.0	3.8	14.8
20	17.4	27.2	0.0	0.0	0.2	0.0	0.0		0.0	0.0	0.2	53.8
21	5.8	7.0	0.0	2.6	1.0	0.0	0.0		0.0	0.0	0.0	0.2
22	0.0	8.6	0.4	0.0	8.6	43.0	0.0		0.0	0.0	0.0	0.6
23	0.4	0.0	0.2	0.0	13.8	0.0	0.0		0.0	0.0	4.0	8.0
24	0.0	26.0	0.0	0.0	4.2	3.2	0.0		0.0	0.0	43.8	12.6
25	0.0	0.0	1.0	0.0	4.4	8.4	0.0		0.0	0.0	12.0	1.2
26	0.0	17.6	32.2	0.0	0.0	19.4	0.0		0.0	6.4	0.6	0.4
27	0.0	8.2	17.2	0.0	0.4	10.4	0.0		0.0	0.0	0.0	0.0
28	0.0	1.4	4.8	0.0	0.4	5.8	0.0		0.0	0.0	0.0	0.0
29	30.2		2.6	0.0	18.0	0.0	0.0		0.0	0.0	0.0	0.0
30	0.0		2.4	0.0	0.4	0.2	0.0		0.0	0.0	20.8	0.0
31	54.4		0.0		0.0		0.0			0.0		15.6

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Ritabou	125.205370	-8.947170	163

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	64.4	38.4	0.0	0.0	5.8	0.0	0.0	0.0				
2	24.2	2.6	0.0	0.0	0.4	0.0	0.0	0.0				
3	2.2	14.6	19.0	0.0	0.0	0.0	0.0	0.0				
4	2.2	23.0	40.4	0.0	0.0	0.0	0.0	0.0				
5	2.2	0.0	5.6	28.8	0.0	0.0	0.0	0.0				
6	0.2	2.2	0.2	9.8	0.0	0.0	0.0	0.2				
7	10.0	2.0	1.6	0.4	0.0	0.0	0.0	0.4				
8	0.2	1.2	0.0	0.2	0.0	0.0	0.0					
9	12.6	0.0	2.4	7.4	6.0	0.2	0.0					
10	5.0	0.0	0.2	0.4	1.2	0.0	0.0					
11	0.0	0.0	0.0	13.8	12.8	0.0	0.0					
12	0.2	0.0	0.0	65.2	0.2	0.0	0.0					
13	0.4	49.2	0.0	17.6	0.0	0.0	0.0					
14	0.0	17.4	0.0	4.6	0.0	0.0	0.6					
15	35.4	31.8	0.0	15.8	0.0	0.0	29.2					
16	25.6	0.0	33.0	21.4	0.0	0.2	0.2					
17	36.2	11.8	23.0	111.0	1.4	0.0	0.0					
18	21.8	25.6	0.0	0.2	0.2	0.0	0.0					
19	35.0	15.8	10.4	0.0	0.0	0.6	0.0					
20	55.2	22.8	0.0	2.8	0.0	0.6	0.0					
21	42.6	0.0	0.0	23.0	0.0	3.2	0.0					
22	7.6	11.8	0.0	0.0	0.0	0.0	0.0					
23	13.6	0.2	9.2	0.0	7.2	0.2	0.0					
24	1.0	0.2	0.2	0.0	0.2	0.2	0.0					
25	1.8	2.8	0.4	0.0	0.0	0.0	0.0					
26	15.4	3.4	2.2	0.0	0.0	0.0	0.0					
27	25.6	0.0	0.0	0.0	0.0	0.0	0.0					
28	17.0	0.0	0.0	0.0	0.0	0.0	0.0					
29	22.8		0.0	42.4	0.0	0.0	0.2					
30	43.2		2.8	0.2	0.0	0.0	0.2					
31	20.4		0.0		0.0		0.0					

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Balibo	125.040080	-8.984550	529

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											0.0	0.0
2											0.0	0.0
3											5.6	1.8
4											0.2	0.0
5											0.0	0.0
6											0.0	5.0
7											0.0	0.2
8											5.2	2.6
9											0.0	1.8
10											0.0	23.8
11											0.0	0.2
12											0.0	49.0
13											0.0	20.6
14											0.0	4.2
15											0.0	32.6
16											0.0	0.0
17											4.8	10.4
18											0.0	4.8
19										0.0	0.0	14.6
20										0.0	21.2	10.6
21										0.0	0.8	33.8
22										0.0	3.0	0.0
23										0.0	17.6	3.0
24										0.0	0.0	2.6
25										0.0	27.0	0.2
26										0.0	0.0	5.8
27										0.0	0.0	9.6
28										0.0	0.0	5.2
29										0.0	4.6	0.2
30										0.0	0.2	3.2
31										0.0		23.4

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.6	16.2	3.0	0.0	0.0	0.2	0.0	0.0		0.0	0.0	15.6
2	22.4	0.0	5.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	46.6
3	0.2	11.0	52.2	0.0	0.0	0.0	0.0	0.0		0.0	0.4	3.2
4	38.6	0.2	10.8	0.0	0.0	0.0	0.0	0.0		0.0	0.0	51.0
5	40.0	0.0	39.2	1.2	1.2	0.0	0.0	0.0		0.0	0.0	15.4
6	91.8	0.0	50.6	21.2	0.2	0.0	0.0	0.0		0.0	0.0	13.8
7	17.0	0.0	16.4	12.6	0.0	10.0	0.0	0.0		0.0	0.0	5.6
8	20.8	0.0	0.8	9.8	0.0	35.2	0.6	0.0		0.0	0.0	24.6
9	19.2	0.0	6.6	43.8	0.0	0.0	0.2	0.0		0.0	0.0	0.2
10	36.2	46.2	122.0	1.0	0.0	0.0	0.0	0.0		0.0	0.0	6.2
11	1.2	0.0	28.2	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
12	2.2	8.8	4.6	0.0	0.0	0.0	9.2			0.0	0.0	4.0
13	35.4	17.8	15.8	0.0	0.0	0.0	0.0			0.0	0.6	2.8
14	29.6	11.6	89.6	0.0	0.8	0.0	0.0			38.4	55.6	0.0
15	12.4	38.4	0.0	0.0	0.0	0.0	0.0			5.6	21.8	0.0
16	15.4	108.6	0.0	0.0	0.0	0.0	0.0			1.0	0.0	31.4
17	2.2	0.4	1.0	0.0	1.6	0.0	0.0		0.0	15.4	1.0	23.6
18	22.0	2.2	0.0	0.0	0.2	0.0	0.0		0.0	0.0	46.4	9.0
19	85.8	38.2	0.0	0.0	14.0	0.0	0.0		0.0	0.0	7.4	12.0
20	9.2	0.0	0.0	6.4	0.2	0.0	0.0		0.0	0.0	0.0	34.8
21	7.0	21.4	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
22	0.2	8.6	0.0	0.0	10.8	37.2	0.0		0.0	0.0	0.0	0.2
23	0.0	0.0	0.0	0.0	7.6	1.4	0.0		0.0	0.0	0.0	6.2
24	6.0	19.6	0.0	0.0	3.4	3.4	0.0		0.0	0.0	10.8	19.2
25	0.0	0.0	0.0	0.0	0.2	5.8	0.0		0.0	0.0	19.4	2.0
26	0.0	30.8	30.0	0.0	0.0	1.0	0.0		0.0	10.2	0.0	8.6
27	0.0	7.2	16.8	0.0	17.4	0.0	0.0		0.0	0.0	0.0	0.0
28	3.0	0.2	7.2	0.0	1.2	13.4	0.0		0.0	0.0	0.0	0.0
29	1.6		3.8	0.0	7.8	0.0	0.0		0.0	0.0	0.2	0.0
30	0.0		0.2	0.0	0.0	0.4	0.0		0.0	0.0	0.2	0.0
31	22.6		5.4		0.0		0.0			0.0		0.0

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Balibo	125.040080	-8.984550	529

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	18.6	64.6	0.0	0.0	40.4	0.0	0.0	0.0	0.0			
2	13.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
3	0.2	7.0	4.0	0.0	0.2	0.0	0.0	0.0				
4	2.6	9.0	6.6	0.0	0.0	0.0	0.0	0.0				
5	0.2	0.0	0.2	5.2	0.0	0.0	0.0	0.0				
6	0.0	0.0	16.8	0.0	0.0	0.0	0.0	0.0				
7	5.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0				
8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0				
9	0.0	0.2	1.6	0.2	0.0	0.0	0.0	0.0				
10	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2				
11	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0				
12	0.0	3.0	0.0	13.8	0.0	0.0	0.0	0.0				
13	0.0	12.0	0.0	4.8	0.0	0.0	0.0	0.0				
14	0.6	43.4	0.0	7.4	0.0	0.0	0.0	0.0				
15	22.8	22.2	0.0	28.2	0.0	0.2	56.0	0.0				
16	33.8	0.8	9.6	10.6	0.0	0.2	1.0	0.0				
17	45.8	24.0	9.2	31.0	0.0	0.0	0.0	0.0				
18	28.0	39.4	2.2	0.0	3.8	0.0	0.0	0.0				
19	55.0	29.6	7.8	0.0	0.0	0.0	0.0	0.0				
20	77.0	25.2	0.0	0.0	1.6	0.0	0.0	0.2				
21	51.6	0.0	0.0	5.4	0.0	1.4	0.0	0.0				
22	17.0	38.2	0.0	0.0	0.0	0.0	0.0	0.0				
23	20.2	1.6	0.8	0.0	0.0	0.0	0.0	0.0				
24	0.2	0.0	1.8	0.0	0.4	0.0	0.0	0.0				
25	10.0	28.8	0.4	0.0	0.0	0.0	0.0	0.0				
26	26.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0				
27	32.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
28	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
29	15.8		0.0	37.8	0.0	0.0	0.0	0.0				
30	40.4		7.6	0.0	0.0	0.0	0.0	0.0				
31	1.4		0.0		0.0		0.0	5.0				

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Atauro	125.607271	-8.264374	4

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		5.4	0.0	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0
2		32.6	0.2	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.2
3		20.0	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
4		0.0	1.2	0.0	3.2	0.6	0.0	0.0	0.0	0.0	0.0	0.8
5		0.0	9.4	26.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6		0.0	0.4	0.0	0.0	17.2	0.0	0.0	0.0	0.0	0.0	0.4
7		0.0	0.6	15.4	0.0	6.8	5.4	0.0	0.0	0.0	0.0	0.0
8		3.4	0.0	28.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
9	12.4	16.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	20.6	0.4	21.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.4
11	0.6	0.0	3.4	0.0	0.0	0.0	39.0	0.0	0.0	0.0	0.0	0.0
12	1.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
13	13.2	0.0	11.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	30.8	1.6
14	36.0	3.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
15	0.0	41.4	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	9.2	5.0
16	1.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
17	30.0	0.0	0.0	0.0	6.0	0.2	0.0	0.0	0.0	8.2	0.2	0.0
18	3.4	1.8	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	112.2	12.4
19	5.6	10.4	0.0	0.0	31.4	8.6	0.0	0.0	0.0	0.0	10.8	8.2
20	2.4	18.6	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	1.2	41.8
21	0.6	18.0	0.0	0.0	5.4	38.4	0.0	0.0	0.0	0.0	11.0	2.8
22	0.0	10.0	0.0	0.0	0.8	0.4	0.0	0.0	0.0	0.0	17.2	3.4
23	0.0	3.2	0.0	0.0	0.0	35.2	0.0	0.0	0.0	0.0	5.4	3.6
24	0.0	0.8	7.0	0.0	1.8	125.4	0.0	0.0	0.0	0.0	1.4	7.8
25	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.8	14.4
26	0.0	1.8	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	21.8
27	0.0	7.8	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	23.0
28	0.0	1.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	9.0
29	5.8		0.0	0.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	3.0		0.0		1.0		0.0	0.0		0.0		0.4

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Atauro	125.607271	-8.264374	4

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	63.0	0.2	0.0	0.0	0.0	0.0					
2	0.0	12.8	0.0	0.0	0.0	0.0	0.0					
3	0.0	15.4	0.0	0.0	0.0	0.0	0.2					
4	0.2	4.0	0.0	2.0	0.0	0.0	0.0					
5	0.0	0.0	0.2	2.0	0.0	0.0	0.2					
6	1.6	0.0	0.0	0.0	0.0	0.0	0.0					
7	0.0	1.2	0.0	5.2	0.0	0.0	0.0					
8	0.0	0.0	0.0	1.4	0.0	1.2	0.0					
9	0.0	0.0	23.4	17.2	10.4	0.0	0.0					
10	0.0	0.0	1.8	1.0	1.8	0.0	0.0					
11	0.0	0.0	3.8	1.4	0.4	0.0	0.0					
12	0.0	0.0	0.0	0.0	0.0	17.0	0.0					
13	0.8	5.4	8.6	1.4	0.0	0.0	0.2					
14	5.6	5.4	0.0	0.0	0.0	0.0	15.2					
15	59.0	1.2	0.0	4.8	0.0	0.0	83.4					
16	14.0	2.2	0.2	30.8	0.0	0.0	0.0					
17	14.4	21.8	1.2	0.2	11.6	0.0	0.0					
18	2.2	31.0	1.4	0.0	6.0	0.0	0.0					
19	18.8	0.0	7.4	2.2	0.0	0.0	0.0					
20	11.8	0.0	0.0	0.0	0.0	0.2	0.0					
21	8.4	0.0	0.0	4.0	0.0	76.2	0.0					
22	6.4	0.2	0.0	0.0	0.0	0.4	0.0					
23	1.0	9.8	0.0	0.0	0.0	0.2	0.0					
24	1.0	0.0	0.0	0.0	0.0	0.0	0.0					
25	27.2	0.0	0.0	0.0	0.0	0.2						
26	0.0	0.6	2.0	0.0	0.0	0.0						
27	19.8	2.2	0.0	0.0	0.0	0.0						
28	17.6	0.0	0.0	0.0	0.0	0.0						
29	0.2		0.0	0.0	0.0	0.0						
30	10.6		0.0	0.0	0.0	0.2						
31	2.8		0.0		0.0							

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Fuiloro	127.027050	-8.495820	358

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											0.0	0.0
2											0.0	0.0
3											0.0	0.0
4											0.0	0.0
5											0.0	0.0
6											0.0	0.0
7											0.0	0.0
8											0.0	0.0
9											0.0	0.0
10											0.0	5.6
11											0.0	24.0
12											0.0	2.2
13											0.0	0.0
14											0.0	0.0
15											0.0	11.6
16											0.0	33.4
17											0.0	0.4
18											0.0	32.6
19											0.2	0.0
20											0.0	50.8
21											0.0	0.0
22											0.0	0.0
23											0.0	0.0
24											0.0	10.6
25											0.0	0.2
26										0.0	0.0	0.0
27										0.0	0.0	10.6
28										0.0	0.0	0.0
29										0.0	0.0	0.0
30										0.0	0.0	0.2
31										0.0		2.2

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.8	0.0	0.0	1.2	0.2	0.4	3.6	0.0	3.2	0.0	0.0	0.6
2	54.0	0.4	10.4	0.2	0.2	17.6	0.0	0.0	0.0	0.0	0.0	0.0
3	60.4	0.6	76.0	0.0	5.2	14.0	0.0	0.0	0.4	0.0	0.0	0.4
4	6.0	0.2	0.6	0.0	45.6	7.8	1.0	0.0	0.2	0.0	0.0	42.0
5	5.6	0.0	0.0	11.6	2.2	10.2	4.0	0.0	0.2	0.0	1.0	13.2
6	13.6	0.0	0.0	7.6	45.4	28.4	1.4	2.2	0.2	0.0	0.8	0.2
7	7.2	0.0	0.0	18.6	0.8	232.4	15.6	0.0	0.2	0.2	0.0	42.2
8	15.8	0.0	0.0	72.8	0.0	22.6	91.6	0.0	1.8	0.0	0.0	0.0
9	7.0	0.0	29.2	0.0	31.2	0.0	34.6	0.0	0.0	0.0	0.0	23.8
10	5.4	39.6	9.4	21.4	5.0	12.6	13.6	0.0	0.0	0.0	0.0	21.0
11	12.4	24.6	24.4	0.0	3.8	17.0	62.6	0.0	0.0	0.0	0.0	0.0
12	35.4	17.8	7.4	0.0	6.2	2.0	82.2	0.0	0.0	0.0	0.0	13.6
13	13.4	0.0	0.2	0.0	7.2	0.0	15.4	0.0	0.0	0.0	0.0	0.0
14	0.0	0.4	10.6	0.0	1.4	0.0	6.6	0.0	0.0	20.2	2.4	0.0
15	0.0	31.0	8.0	0.0	0.0	0.0	11.2	0.0	0.0	0.4	7.0	1.4
16	34.6	8.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	4.0	0.4	0.0	0.0	6.8	0.0	0.4	0.0	0.0	0.0	0.0	0.0
18	0.0	48.4	0.0	5.2	0.2	0.0	0.0	0.0	0.0	0.0	5.8	1.4
19	3.4	0.2	0.0	16.8	10.2	2.0	0.0	0.0	0.0	0.0	7.4	52.8
20	1.2	2.4	0.0	7.2	0.2	2.6	0.0	0.0	0.0	0.0	0.0	24.2
21	0.0	2.2	0.0	0.0	0.2	19.8	0.0	0.0	0.0	0.0	0.0	1.8
22	4.0	0.4	0.0	0.0	35.4	138.0	46.6	0.0	0.0	0.0	24.8	30.8
23	20.4	0.0	0.0	0.0	5.4	73.2	0.0	0.0	0.0	0.0	0.0	5.4
24	1.4	2.6	0.0	0.0	8.8	3.8	0.0	0.0	0.0	0.0	0.4	0.2
25	0.2	0.0	18.6	0.0	76.0	73.4	0.0	0.0	0.0	3.8	3.2	2.2
26	0.0	0.0	21.6	0.0	7.4	3.6	0.0	0.0	0.0	2.0	0.0	0.4
27	9.6	3.0	9.6	14.8	19.0	0.0	0.0	0.2	0.0	0.0	17.8	3.4
28	0.8	0.0	28.2	4.8	31.2	0.2	0.0	0.0	0.0	0.0	1.6	9.8
29	22.8		0.0	1.0	13.4	1.8	1.2	0.0	0.0	0.0	13.2	0.0
30	17.8		0.0	6.8	3.8	2.8	0.0	0.0	0.0	0.0	38.4	0.0
31	3.0		2.2		11.4		0.0	0.0		0.0		7.6

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Fuiloro	127.027050	-8.495820	358

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.2	19.2	0.0	74.8	0.0	1.0	1.0	3.2				
2	12.2	4.0	0.0	0.0	0.0	7.8	0.0	0.0				
3	2.6	0.2	36.2	0.2	1.4	4.0	4.8	0.6				
4	0.0	4.6	30.0	0.2	0.0	17.0	1.2	5.0				
5	0.0	0.0	35.0	7.4	0.0	6.2	0.6	0.0				
6	0.0	0.0	17.4	0.2	11.0	21.0	0.2	0.0				
7	0.0	0.0	21.4	55.8	6.4	43.0	0.0	0.4				
8	7.6	0.0	0.2	3.6	37.2	13.0	0.0	1.8				
9	0.0	0.0	0.0	10.2	0.4	5.0	0.0	0.0				
10	6.0	0.0	0.8	0.0	1.2	0.0	0.0	0.0				
11	0.2	0.0	7.6	10.8	0.2	0.0	0.0	0.0				
12	9.2	0.0	30.8	12.0	0.0	0.0	3.8	0.0				
13	69.6	13.4	1.4	10.6	11.2	0.0	0.0	0.2				
14	0.6	0.0	0.0	35.2	0.4	0.0	0.2	0.0				
15	0.0	0.0	37.0	0.0	0.0	38.4	0.2	0.0				
16	0.6	0.0	29.0	5.0	1.4	1.8	0.0	0.0				
17	2.8	0.0	0.0	1.0	3.2	0.0	0.0	0.0				
18	3.2	14.6	4.0	0.0	41.2	3.4	1.4					
19	0.0	0.2	0.6	3.6	30.8	22.4	5.8					
20	0.0	0.0	7.8	35.4	5.2	67.6	0.6					
21	6.8	58.0	0.0	21.4	8.8	111.2	0.0					
22	3.6	15.8	0.0	0.0	2.2	7.4	0.0					
23	0.8	0.2	0.0	0.0	43.0	1.8	0.0					
24	2.6	0.6	0.0	0.0	25.6	0.0	4.0					
25	15.0	7.4	3.2	0.0	0.0	0.0	0.0					
26	1.0	0.2	0.0	0.0	1.8	0.6	0.0					
27	1.8	0.0	0.0	0.0	4.4	0.0	8.6					
28	1.8	0.0	0.0	0.0	0.2	25.4	1.0					
29	0.0		0.0	0.6	0.2	7.0	2.2					
30	1.0		0.0	0.0	26.6	0.8	2.8					
31	0.4		0.8		21.6		9.6					

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Darulete	125.347000	-8.651230	1,130

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											7.2	0.0
2											0.0	2.0
3											0.0	0.0
4											19.0	0.0
5											0.0	0.0
6											0.0	4.2
7											0.0	0.0
8											2.6	0.4
9											0.0	1.4
10											0.4	20.0
11											0.0	42.4
12											0.0	62.4
13											0.0	2.2
14											0.0	0.8
15											0.0	22.2
16											10.4	10.4
17											0.0	2.0
18										0.0	1.2	0.8
19										0.0	1.8	6.4
20										0.6	17.0	7.4
21										0.2	1.8	14.8
22										0.0	0.0	4.2
23										0.0	0.0	9.2
24										0.0	0.0	28.4
25										1.8	0.0	8.4
26										0.0	0.4	0.2
27										5.4	0.2	0.0
28										0.0	0.0	
29										0.0	0.4	
30										0.0	0.0	
31										0.0		

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0.0	0.0	0.0	0.0	0.0	0.0	15.6
2						1.6	0.0	0.0	0.0	0.0	0.0	0.4
3						0.0	0.0	0.0	0.0	0.0	0.0	5.2
4						0.8	0.0	0.0	0.0	0.0	0.0	8.0
5						3.4	2.0	0.0	0.0	0.0	0.0	2.6
6						2.2	0.2	0.0	0.0	0.4	0.0	26.6
7						10.6	0.0	0.0	0.0	0.0	0.0	3.0
8						13.2	11.6	0.0	0.8	0.0	0.0	12.2
9						0.0	0.0	0.0	0.0	0.0	7.2	0.8
10						0.0	0.0	0.0	1.2	0.0	0.2	2.4
11						0.0	0.0	0.0	0.0	0.0	2.0	7.4
12						0.0	21.0	0.0	0.0	0.0	0.0	9.2
13						0.0	0.0	0.0	0.0	0.0	3.2	0.0
14						0.0	0.0	0.0	0.0	1.4	1.4	0.0
15						0.0	0.0	0.0	0.0	0.0	24.8	12.4
16						0.0	0.0	4.2	0.0	0.0	1.2	49.4
17						0.0	0.0	0.4	0.0	2.0	23.0	9.2
18					15.4	0.0	0.0	0.0	0.0	0.0	0.4	28.8
19					5.0	0.0	0.0	0.0	0.0	0.0	7.6	138.4
20					0.8	0.0	0.0	0.0	0.0	0.0	2.0	23.4
21					3.8	0.0	0.0	0.0	0.0	0.0	0.8	0.2
22					18.8	32.6	47.2	0.0	0.0	0.0	0.0	0.0
23					6.0	1.2	0.0	0.4	0.0	0.0	0.0	2.4
24					8.6	4.6	0.0	0.2	0.0	0.0	22.4	19.0
25					0.4	40.4	0.0	0.0	0.0	0.0	4.0	3.4
26					0.0	3.0	0.0	0.0	0.0	0.0	0.0	2.4
27					2.0	0.8	0.0	1.0	0.2	0.0	0.0	0.0
28					0.2	0.2	0.0	0.0	2.8	0.0	6.0	0.0
29					21.8	0.0	0.4	0.0	0.2	0.0	0.0	0.0
30					0.0	0.0	0.0	0.0	0.0	0.0	38.4	0.0
31					0.0		0.0	0.0		0.0		3.4

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Darulete	125.347000	-8.651230	1,130

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.6	40.6	0.0	0.4	3.4	0.0	0.0	0.0				
2	4.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0				
3	1.4	5.6	1.6	0.0	0.0	0.0	0.0	0.0				
4	1.0	2.8	2.0	0.2	0.0	0.0	0.0	0.0				
5	0.0	0.6	0.2	27.2	0.0	0.0	0.0	0.0				
6	22.0	0.2	1.6	10.2	1.6	0.2	0.0	0.0				
7	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
8	0.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0				
9	58.8	0.0	0.0	0.6	0.0	0.0	0.0	0.0				
10	0.4	16.0	0.0	0.2	3.0	0.0	0.0					
11	0.0	0.0	20.4	0.8	23.4	0.0	9.6					
12	0.6	0.0	1.6	4.6	0.2	0.0	5.2					
13	3.6	8.6	0.0	0.4	0.2	0.0	0.2					
14	42.6	2.8	0.2	0.6	0.0	0.0	0.0					
15	36.8	6.8	0.0	19.2	2.4	0.0	2.4					
16	19.4	0.8	0.0	50.8	0.0	0.2	0.2					
17	7.4	15.8	3.2	59.2	0.2	0.2	0.0					
18	4.2	39.8	0.4	0.0	25.4	0.0	0.0					
19	10.6	13.4	5.8	0.2	8.8	0.2	0.0					
20	25.8	2.8	3.0	40.4	0.0	0.8	0.0					
21	17.6	0.0	0.0	32.0	1.8	13.0	0.0					
22	15.6	5.4	0.0	21.6	0.0	0.0	0.0					
23	12.6	27.8	3.6	0.0	0.0	0.0	0.0					
24	28.4	0.0	0.0	0.0	0.0	0.0	0.2					
25	26.8	9.4	0.0	0.0	0.0	0.0	0.0					
26	15.2	5.8	8.4	0.0	0.0	0.0	0.0					
27	30.0	0.0	0.0	0.0	0.2	0.0	0.0					
28	18.8	0.0	0.0	0.2	0.0	0.6	0.8					
29	11.2		0.0	3.2	0.0	0.0	0.2					
30	14.8		0.0	0.4	0.0	0.0	0.0					
31	11.0		0.0		0.0		0.6					

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Loes	125.139560	-8.737201	22

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											2.6	0.0
2											0.0	0.2
3											8.4	0.0
4											0.0	0.0
5											0.0	0.0
6											0.0	0.0
7											0.0	0.0
8											0.0	0.8
9											0.4	0.8
10											0.0	18.0
11											0.0	0.4
12											0.0	23.6
13											21.2	7.8
14											5.8	0.0
15											0.0	8.4
16											0.0	0.2
17											0.0	4.0
18											0.0	0.0
19										0.0	12.8	4.6
20										0.0	0.2	21.4
21										0.0	0.4	0.6
22										0.0	0.0	0.0
23										0.0	1.6	0.0
24										0.0	0.0	0.0
25										0.0	0.2	4.8
26										0.0	0.0	0.0
27										0.0	0.0	3.6
28										0.0	0.0	0.2
29										0.0	7.0	4.0
30										0.0	13.8	11.8
31										0.0		3.8

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.6	0.2	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	13.6	3.8
2	1.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.8	22.6	0.4	22.6	0.0	0.0	0.0	0.0	0.0	0.2	0.2
4	43.0	0.0	12.4	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.6	18.6
5	48.6	2.6	31.8	0.2	25.2	0.0	0.0	0.2	0.0	0.0	0.0	51.8
6	66.0	0.2	0.6	2.2	0.0	3.8	0.0	0.0	0.0	0.0	0.0	8.2
7	7.2	0.0	3.2	9.6	0.0	5.2	0.0	0.0	0.0	0.0	0.0	2.6
8	36.8	0.0	0.4	9.2	0.0	9.2	2.2	0.0	0.0	0.0	0.6	31.6
9	20.8	0.0	5.4	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4
10	12.4	0.0	42.0	1.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	1.6
11	2.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	14.6	0.0	21.2	0.0	0.4	0.0	7.0	0.0	0.4	0.0	19.6	10.0
13	17.4	5.6	10.2	0.0	0.0	0.0	0.0	0.4	0.8	0.0	1.2	3.0
14	13.6	0.6	53.6	0.4	0.0	0.0	0.0	0.0	0.0	3.6	12.2	0.0
15	0.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.2
16	13.0	107.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.4
17	37.4	0.2	0.2	0.0	36.8	0.0	0.0	0.2	0.0	2.2	2.8	2.2
18	18.4	0.0	0.2	0.0	4.2	0.4	0.0	0.0	0.0	0.0	13.6	7.8
19	9.6	12.8	0.0	0.6	1.2	0.0	0.4	0.0	0.0	0.0	6.2	11.2
20	0.2	1.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	1.4	20.8
21	4.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.2	0.6	0.0	0.0	0.0	17.8	21.8	0.0	0.0	0.0	0.2	0.2
23	0.0	0.2	0.0	0.0	2.8	0.0	0.0	4.2	0.0	1.6	3.2	23.4
24	9.4	5.0	0.0	0.0	2.8	0.2	0.0	0.0	0.0	2.2	4.0	14.8
25	0.0	0.0	0.2	0.0	0.4	7.8	0.0	0.0	0.0	0.2	1.2	4.8
26	0.2	56.8	16.4	0.0	0.0	3.4	0.0	0.0	0.0	1.0	0.0	0.2
27	0.0	9.8	5.4	0.0	0.2	3.8	0.0	0.2	0.2	0.0	0.0	0.0
28	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	9.8	4.0	7.0	0.0
29	10.8		15.4	0.0	32.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	1.2		8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	5.6		1.4		0.0		0.0	0.0		0.0		0.0

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Loes	125.139560	-8.737201	22

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	55.4	19.8	0.6	20.2	0.8							
2	23.8	4.0	0.8	0.0	0.0							
3	0.4	29.6	0.2	0.0	0.0							
4	0.2	0.4	4.6	0.0	0.0							
5	0.0	0.0	1.0	0.4	0.0							
6	0.0	0.2	0.4	0.0	0.0							
7	0.0	0.0	0.0	0.4	0.2							
8	0.0	0.0	1.0	0.2	0.2							
9	0.0	0.0	0.0	0.2	0.0							
10	0.0	0.0	0.0	0.0	0.0							
11	0.0	0.0	0.0	48.0	4.2							
12	0.4	0.0	0.0	71.2	0.0							
13	0.2	4.8	0.0	13.4	0.0							
14	3.2	5.0	0.6	0.2	0.0							
15	17.2	9.4	0.0	5.4								
16	15.4	15.4	0.0	20.6								
17	4.8	35.4	0.2	52.0								
18	8.0	36.4	0.0	0.2								
19	16.4	15.0	10.4	0.0								
20	43.6	9.4	0.0	0.0								
21	28.6	0.0	0.0	0.2								
22	21.4	11.0	0.0	0.0								
23	2.6	4.2	0.0	0.0								
24	7.0	0.0	0.0	0.0								
25	10.6	15.8	0.0	0.0								
26	7.8	0.6	0.0	0.0								
27	24.0	0.0	0.0	0.0								
28	21.8	0.0	0.0	0.2								
29	19.6		0.2	11.4								
30	26.6		0.0	0.4								
31	0.2		1.0									

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Holarua	125.629140	-8.934830	1,033

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												0.0
2												0.0
3												0.0
4												0.0
5												5.2
6												5.8
7												0.0
8											0.0	0.0
9											0.0	5.8
10											0.0	2.2
11											0.0	0.0
12											0.0	16.4
13											0.4	0.2
14											0.0	0.0
15											0.0	139.2
16											0.0	9.6
17											0.0	58.0
18											0.0	73.0
19											3.2	24.4
20											4.8	0.2
21											35.4	0.0
22											31.6	0.0
23											0.0	0.0
24											0.0	11.8
25											0.0	0.2
26											0.0	2.8
27											0.0	62.8
28											0.0	21.0
29											8.2	26.2
30											0.0	12.0
31												31.2

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	32.8	4.0	0.0	1.6	1.4	10.8	6.6	0.0	0.6	0.0	0.0	16.4
2	34.4	15.4	2.0	72.8	0.0	21.4	1.4	0.0	0.0	0.0	0.0	20.6
3	51.2	75.0	9.8	2.0	14.8	34.6	0.2	0.0	17.0	0.0	0.0	3.2
4	33.6	0.2	5.0	7.2	42.6	31.4	0.0	0.0	8.6	0.0	0.0	41.4
5	74.0	0.0	8.8	28.6	47.6	5.6	1.6	0.0	1.6	0.0	0.0	49.0
6	0.8	0.0	5.4	34.4	3.4	7.6	7.2	0.0	1.8	0.0	0.0	58.4
7	0.8	0.0	1.6	23.0	0.2	79.2	15.0	0.0	0.0	0.0	0.0	8.8
8	8.0	36.2	1.8	53.4	0.2	42.8	103.6	0.0	0.0	0.0	0.0	3.0
9	2.8	21.6	6.2	110.0	0.0	0.0	55.0	0.0	0.0	0.0	0.0	0.0
10	20.4	4.2	19.2	3.6	0.0	5.8	28.2	0.0	0.0	0.0	3.0	26.8
11	9.4	11.2	4.8	1.2	0.0	5.0	5.4	0.0	0.0	0.0	0.0	0.4
12	4.8	12.2	0.0	0.0	0.6	0.2	104.4	0.0	0.0	0.0	0.0	27.8
13	17.0	31.6	40.8	0.6	0.2	0.0	26.4	0.0	0.0	0.0	34.2	0.2
14	4.0	11.8	96.0	0.0	0.0	0.0	25.2	0.0	0.0	53.8	27.8	0.0
15	4.2	16.8	19.0	0.0	15.2	0.0	7.8	0.0	0.0	13.4	10.6	83.6
16	4.8	60.6	0.4	0.0	6.8	0.4	0.0	0.0	0.0	28.8	1.4	0.0
17	12.6	8.6	0.0	0.0	12.0	0.2	0.0	0.0	0.0	39.6	0.0	0.6
18	0.0	41.4	0.0	0.0	24.0	0.2	0.0	0.0	0.0	0.0	22.2	17.2
19	8.0	37.6	0.0	1.2	17.8	6.6	0.2	0.0	0.0	0.0	1.2	87.6
20	2.8	40.6	0.0	5.2	17.2	1.8	0.2	0.0	0.0	0.0	0.8	28.2
21	0.6	1.0	0.0	0.2	32.2	34.8	1.6	0.0	0.0	0.0	37.8	0.4
22	0.0	4.2	0.0	0.0	17.2	30.4	31.4	0.0	0.0	0.0	21.6	39.2
23	11.6	0.8	0.0	0.0	48.6	1.8	18.8	0.0	0.0	0.0	39.0	0.2
24	7.4	5.4	0.0	0.2	4.2	0.6	0.0	0.0	0.0	0.0	0.2	0.2
25	0.4	0.0	0.0	0.2	42.4	0.8	0.0	0.0	0.0	0.0	117.4	0.2
26	0.2	2.4	29.8	0.2	0.4	0.4	0.4	0.0	0.0	2.6	0.4	0.2
27	0.0	0.2	5.2	16.2	1.0	0.0	0.0	8.8	0.0	0.0	14.8	0.0
28	10.8	0.0	70.4	0.4	3.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0
29	81.4		12.6	1.2	27.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0
30	12.0		0.0	1.4	1.0	39.4	0.0	0.0	0.0	0.0	9.8	5.6
31	16.0		3.0		6.8		0.0	0.0		0.0		73.4

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Holarua	125.629140	-8.934830	1,033

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.4											
2	99.6											
3	0.4											
4	12.4											
5	2.4											
6	8.8											
7	0.0											
8	0.0											
9	0.0											
10	23.8											
11	0.0											
12	2.0											
13	1.4											
14	18.6											
15	0.0											
16	1.6											
17	1.0											
18	2.0											
19	0.2											
20	6.0											
21	3.2											
22	2.0											
23	1.6											
24	1.0											
25	3.6											
26	0.8											
27	0.0											
28	0.2											
29	0.4											
30	3.0											
31												

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Dotik	125.920830	-9.026420	101

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												0.0
2												0.0
3												0.0
4												0.0
5												0.0
6												0.0
7											0.0	0.0
8											0.0	0.0
9											0.0	4.0
10											0.0	0.0
11											0.4	0.0
12											0.0	0.2
13											0.0	0.2
14											0.0	0.0
15											0.0	8.6
16											0.0	2.0
17											0.0	0.0
18											0.0	0.0
19											0.0	1.4
20											0.0	0.4
21											0.0	0.0
22											0.0	0.0
23											0.0	0.0
24											0.0	40.0
25											0.0	0.2
26											0.0	5.0
27											0.0	0.2
28											0.0	0.0
29											0.0	2.0
30											0.0	6.6
31												0.0

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.8	2.0				2.4	2.0	0.0	0.0	0.0	0.0	2.2
2	5.8	1.0				21.8	1.2	0.0	0.0	0.0	0.0	2.8
3	56.6	0.0			0.6	14.2	0.0	0.0	4.2	0.0	0.0	0.0
4	38.6	0.0			37.4	6.2	0.0	0.0	2.2	0.0	0.0	32.6
5	13.8	0.0			6.0	3.4	5.2	0.0	3.2	0.0	0.0	0.0
6	0.4	0.0			0.2	0.0	5.0	0.0	0.2	0.0	0.0	0.0
7	0.4	0.0			0.4	242.0	7.6	0.0	0.0	0.0	0.0	2.4
8	34.2	0.0			0.0	45.6	118.6	0.0	0.2	0.0	0.0	0.0
9	0.2	0.0			0.0	0.8	17.6	0.0	0.0	0.0	0.0	0.2
10	4.2	30.4			0.8	2.8	11.4	0.0	0.0	0.0	0.0	26.0
11	0.0	0.2			0.0	1.4	17.6	0.0	0.0	0.0	0.0	0.0
12	23.8	0.0			1.8	0.2	114.6	0.0	0.0	0.0	0.0	0.0
13	21.6	0.0			0.8	0.0	11.0	0.0	0.0	0.0	0.6	0.0
14	0.0	0.2			11.4	0.0	3.8	0.0	0.0	5.2	0.0	0.0
15	6.0	15.8			0.0	0.0	5.8	0.0	0.0	37.2	10.4	0.0
16	3.0	22.6			16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	1.8	3.2			0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0
18	0.0	5.4			10.6	0.0	0.0	0.0	0.0	0.0	2.4	0.0
19	0.8				3.4	0.0	0.0	0.0	0.0	0.0	4.0	40.6
20	2.0				0.2	6.2	0.0	0.0	0.0	0.0	10.0	27.6
21	0.2				4.2	129.0	0.0	0.0	0.0	0.0	0.6	6.4
22	0.0				0.2	151.2	43.8	0.0	0.0	0.0	0.0	1.8
23	3.0				0.0	32.0	4.2	0.0	0.0	0.0	41.8	14.6
24	0.0				28.2	2.6	0.0	0.0	0.0	0.0	7.6	1.4
25	2.0				126.4	12.0	0.0	0.0	0.0	0.0	22.4	0.4
26	32.0				0.8	0.6	0.0	0.0	0.0	4.6	6.4	0.2
27	0.6				0.6	0.2	0.0	2.4	0.0	0.0	13.2	0.4
28	0.0				3.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
29	12.6				13.2	0.0	2.2	0.0	0.0	0.0	10.2	0.0
30	0.2				0.2	9.4	0.0	0.0	0.0	0.0	0.8	0.0
31	0.0				81.0		0.0	0.0		0.0		14.2

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Dotik	125.920830	-9.026420	101

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.2	13.0	0.0	0.0	0.0	5.0	10.0	6.0				
2	0.0	0.8	0.0	0.0	0.0	14.6	0.0	0.2				
3	0.0	1.6	0.0	0.0	0.0	1.4	0.8	0.0				
4	0.0	1.2	0.0	0.0	0.0	7.8	0.4	0.0				
5	0.0	0.0	0.0	0.0	8.6	6.2	0.0	1.2				
6	15.2	0.0	0.0	0.0	19.4	21.6	0.2	0.0				
7	0.4	0.4	2.4	0.0	2.8	10.4	0.0	0.6				
8	0.0	0.0	0.4	0.0	0.0	60.2	0.0	0.0				
9	0.0	0.0	5.2	18.6	30.8	5.4	0.0	0.4				
10	0.0	0.4	0.2	0.0	4.6	2.0	0.0	0.0				
11	0.0	20.8	0.0	2.6	0.2	0.0	0.0	0.2				
12	21.2	30.4	0.2	0.0	2.0	0.0	0.2	0.0				
13	6.6	1.0	14.2	13.2	2.2	0.0	0.0	0.0				
14	1.8	3.6	0.2	0.6	2.6	0.0	0.0	1.0				
15	3.2	2.6	0.0	0.0	0.2	58.8	9.6	0.0				
16	0.0	8.0	0.0	1.4	0.0	12.0	0.0	0.0				
17	0.0	1.6	0.0	1.0	17.2	0.0	0.0	0.0				
18	4.8	6.2	24.2	0.0	27.8	0.2	1.6	0.0				
19	0.0	0.4	64.0	0.0	8.6	1.0	0.8	0.0				
20	0.0	0.0	0.2	20.4	6.6	31.2	0.0	0.0				
21	14.8	14.2	0.0	3.2	6.4	51.4	0.0	0.0				
22	0.6	0.2	0.0	0.0	0.2	2.0	0.0	0.0				
23	25.8	0.0	0.0	0.8	43.8	0.2	0.0	0.0				
24	0.0	0.0	0.0	0.0	25.6	0.2	0.0	0.0				
25	0.0	0.4	0.0	0.0	0.2	0.0	0.0	0.0				
26	0.4	0.0	0.0	0.0	0.8	0.0	0.0	0.0				
27	0.0	0.0	0.0	0.0	19.0	2.6	5.6	0.0				
28	0.0	0.0	0.0	0.0	2.6	5.4	14.4					
29	0.0		0.0	0.0	0.0	0.2	0.2					
30	2.2		0.0	0.0	3.6	0.4	0.0					
31	0.0		0.0		7.2		0.4					

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Betano	125.718500	-9.163030	9

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												0.0
2												0.0
3												0.0
4												0.0
5												0.0
6												0.0
7											0.0	0.0
8											0.0	0.0
9											0.0	1.2
10											0.0	0.2
11											0.0	0.0
12											0.4	0.0
13											0.0	0.0
14											0.0	0.0
15											0.0	4.2
16											0.0	5.0
17											0.0	0.0
18											0.0	0.0
19											0.0	1.2
20											0.0	0.0
21											0.0	0.0
22											0.0	0.0
23											0.0	0.0
24											0.0	26.6
25											0.6	4.6
26											0.0	15.8
27											0.0	0.0
28											0.0	18.2
29											0.0	3.0
30											0.0	0.2
31												0.0

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.4	0.0	0.0	5.6	0.8	3.2	0.2	0.0	0.0	0.0	0.0	3.6
2	5.2	2.2	21.6	3.2	0.0	5.0	0.6	0.0	0.0	0.0	0.0	0.0
3	5.6	41.4	2.8	0.0	0.0	20.8	0.0	0.0	11.4	0.0	0.0	0.0
4	52.8	0.0	0.6	0.0	50.4	2.2	0.0	0.0	0.4	0.0	0.0	2.2
5	12.0	0.0	0.2	21.8	0.8	0.2	1.4	0.0	1.6	0.0	0.0	0.0
6	1.0	0.0	4.8	8.6	0.6	6.0	12.8	1.0	0.0	0.0	0.0	0.0
7	0.0	0.0	1.4	11.4	0.0	119.6	3.8	0.0	0.0	0.0	0.0	0.0
8	23.8	0.0	0.0	36.8	0.0	50.0	76.8	0.0	0.0	0.0	0.0	0.0
9	6.6	0.0	3.4	0.2	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.4
10	5.8	0.0	0.8	0.0	0.2	1.0	7.2	0.0	0.0	0.0	0.0	12.2
11	0.0	0.2	7.0	0.0	0.0	1.2	11.6	0.0	0.0	0.0	0.0	0.0
12	23.2	0.0	4.0	0.0	0.6	0.0	116.2	0.0	0.0	0.0	0.0	0.6
13	11.2	0.2	21.8	0.2	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	2.2	0.0	3.4	0.0	0.0	9.6	1.6	0.0
15	0.2	0.2	0.0	0.0	3.2	0.0	2.4	0.0	0.0	6.8	4.4	0.0
16	3.0	32.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	24.2	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.0
19	0.2	0.0	0.0	0.0	5.2	0.0	0.8	0.0	0.0	0.0	12.2	50.6
20	0.0	10.0	0.2	13.4	0.2	11.4	0.0	0.0	0.0	0.0	2.8	22.8
21	0.0	0.0	0.0	0.0	6.8	238.0	0.0	0.0	0.0	0.0	0.0	6.2
22	0.0	9.8	0.0	0.0	0.0	232.8	26.8	0.0	0.0	0.0	0.0	0.6
23	0.0	0.0	0.0	0.0	1.2	28.0	19.2	0.0	0.0	0.0	14.8	5.0
24	0.0	0.0	0.0	0.0	52.6	2.0	0.0	1.8	0.0	0.0	0.0	0.0
25	9.0	0.2	0.0	0.0	52.4	0.6	0.0	0.0	0.0	0.8	8.6	0.6
26	4.6	0.0	0.2	0.8	0.0	0.8	0.0	0.0	0.0	0.4	23.0	0.2
27	44.6	0.4	0.0	32.8	0.0	0.0	0.0	0.6	0.0	0.0	10.8	0.2
28	0.6	0.0	0.2	0.0	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.6		0.0	4.2	10.6	0.0	1.6	0.0	0.0	0.0	0.4	0.0
30	0.2		2.4	3.0	5.4	0.8	0.0	0.0	0.0	0.0	0.6	0.0
31	0.2		4.2		17.0		0.0	0.0		0.0		29.8

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Betano	125.718500	-9.163030	9

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.4	13.0	0.0	0.0	0.0	0.6	0.6	0.0				
2	0.0	0.8	2.8	0.0	0.0	0.2	0.0	0.0				
3	0.0	0.0	0.0	0.8	3.4	0.2	0.4	0.0				
4	0.0	0.0	0.0	0.0	0.0	10.6	0.4	0.2				
5	0.0	0.0	0.0	0.0	11.8	5.8	0.0	1.2				
6	48.0	0.0	0.4	0.0	6.4	4.4	0.0	0.0				
7	0.2	0.0	2.6	0.0	2.0	0.4	0.0	0.6				
8	0.0	0.0	1.6	0.0	0.0	53.2	0.0	0.0				
9	0.0	0.0	1.0	30.8	30.4	4.2	0.0	2.6				
10	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0				
11	0.0	0.0	0.0	5.8	1.2	0.4	0.0	0.0				
12	3.2	18.6	0.0	0.2	5.2	0.0	0.0	0.0				
13	2.0	25.6	0.0	0.0	1.6	0.0	0.0	0.0				
14	3.4	2.0	0.0	1.6	1.6	0.0	0.0	0.8				
15	0.0	2.4	0.6	24.4	2.8	3.8	0.2	0.0				
16	0.0	8.4	1.2	0.0	0.0	33.8	0.0	0.0				
17	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0				
18	2.6	2.2	22.6	0.0	22.2	0.6	0.0	0.0				
19	0.0	0.0	14.6	0.0	6.6	0.4	1.6	0.0				
20	3.2	0.8	0.0	2.8	4.6	26.2	0.0	0.0				
21	0.0	14.0	0.0	0.0	0.2	35.4	0.0	0.0				
22	5.4	0.2	0.0	0.0	0.0	0.2	0.0	0.0				
23	0.2	0.4	0.0	27.6	26.6	0.0	0.0	0.0				
24	3.2	0.0	0.0	0.0	33.0	0.0	0.2	0.0				
25	0.0	13.6	14.8	0.0	0.0	0.0	0.0	0.0				
26	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0				
27	0.0	0.0	0.0	0.2	5.0	9.2	0.0					
28	0.0	0.0	0.0	0.0	0.8	8.4	6.6					
29	0.0		0.0	0.0	0.0	0.0	1.0					
30	1.8		0.0	0.0	0.0	2.6	0.0					
31	0.0		5.8		7.8		0.0					

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Pante Macasar	124.349320	-9.199900	7

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2					0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
3					0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
4					18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8
5					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6					0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2
7					0.0	0.2	5.0	0.0	0.0	0.0	0.0	11.2
8					0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.6
9					0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
10					0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.4
11					0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
12					0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
13					0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
14					9.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
15					0.6	0.0	0.0	0.0	0.0	0.0	0.2	2.2
16				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17				0.0	9.0	0.0	0.0	0.0	0.0	0.4	1.0	13.4
18				0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.8
19				0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.6
20				0.0	0.0	3.0	0.2	0.0	0.0	0.0	0.0	5.2
21				0.0	0.0	29.8	0.2	0.0	0.0	0.0	0.0	0.2
22				0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2
23				0.0	18.6	15.2	0.0	0.0	0.0	0.0	0.0	0.4
24				0.0	2.4	8.0	0.0	0.0	0.0	0.0	1.0	1.8
25				0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	1.4
26				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
27				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
28				0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29				0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31					0.8		0.0	0.0		0.0		0.0

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Pante Macasar	124.349320	-9.199900	7

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.6	10.8	0.0	0.2	4.2	0.0	0.0					
2	0.6	3.4	0.0	1.4	0.2	0.0	0.0					
3	0.0	10.0	14.8	0.0	0.0	0.0	0.0					
4	0.0	34.2	11.0	0.4	0.0	0.0	0.0					
5	0.0	12.4	0.2	0.0	0.0	0.0	0.0					
6	0.0	0.0	0.0	0.0	1.4	0.0	0.0					
7	0.0	17.2	0.0	0.0	0.0	0.0	0.0					
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
9	0.2	0.4	0.0	0.0	0.0	0.0	0.0					
10	0.0	10.0	0.2	0.4	0.2	0.0	0.0					
11	3.6	0.2	0.8	4.8	0.0	0.0	0.0					
12	0.0	11.4	0.0	0.0	0.0	0.0	0.0					
13	0.0	0.4	0.0	4.6	0.0	0.0	0.0					
14	0.2	55.6	0.0	12.6	0.0	0.0	0.6					
15	23.8	17.6	0.0	19.8	0.0	0.0	0.0					
16	21.6	2.8	0.2	16.6	0.0	0.0	0.0					
17	44.4	20.6	2.4	0.4	0.2	0.0	0.0					
18	26.0	55.4	0.0	0.0	4.6	0.0	0.0					
19	4.4	25.8	16.6	0.0	0.2	0.0	0.0					
20	59.8	14.2	0.0	4.4	0.0	0.0	0.0					
21	29.8	0.2	0.0	12.4		1.0	0.0					
22	8.8	2.0	0.0	0.0	0.2	0.0	0.0					
23	0.2	0.0	0.2	2.6	0.0	0.0	0.0					
24	0.0	0.0	0.2	0.0	0.0	0.0	0.0					
25	2.8	0.2	15.0	0.0	0.0	0.0						
26	52.0	0.0	0.0	0.0	0.0	0.0						
27	3.8	0.0	0.0	0.2	0.0	0.0						
28	7.0	0.0	0.0	0.2	0.0	0.0						
29	0.0		0.0	1.6	0.0	0.0						
30	56.0		0.0	39.8	0.0	0.0						
31	12.4		0.0		0.0							

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Ossu De Cima	126.373350	-8.688650	950

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											0.0	0.0
2											0.0	0.0
3											0.0	0.0
4											0.0	0.0
5											0.0	0.0
6											0.0	9.6
7											0.0	0.0
8											0.0	0.0
9											0.0	1.2
10											0.0	2.4
11											0.0	49.0
12											0.0	37.2
13											0.0	0.2
14											4.6	0.0
15											0.0	35.8
16											0.0	5.6
17											0.0	11.4
18											0.0	19.6
19											23.4	0.2
20											4.4	12.0
21											0.0	0.2
22											0.0	0.0
23											0.0	0.0
24										0.2	0.0	14.4
25										0.4	3.8	0.0
26										1.6	0.0	0.2
27										0.0	0.0	4.2
28										0.0	0.0	0.0
29										0.0	4.0	46.6
30										0.0	0.0	21.8
31										0.0		4.4

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	57.8	18.2	0.0	3.2	0.0	0.8	5.6	0.0	3.8	0.2	0.0	15.8
2	38.8	10.8	25.8	0.2	0.0	1.6	1.4	0.0	0.0	0.0	0.2	5.8
3	15.8	30.2	33.6	0.0	0.6	19.8	0.2	0.0	10.0	0.0	0.0	9.4
4	43.6	0.0	8.6	1.0	29.0	1.4	0.2	0.0	4.0	0.0	0.0	8.4
5	21.0	0.0	0.4	7.8	17.6	6.0	0.2	0.0	0.2	0.0	0.0	64.2
6	21.6	0.0	4.0	4.4	2.6	0.0	1.8	0.0	0.2	0.0	0.0	12.6
7	8.4	0.0	5.0	0.2	0.0	222.0	13.0	0.0	0.0	0.0	0.0	0.4
8	28.4	0.0	9.6	24.0	0.0	10.2	82.2	0.0	0.0	0.0	0.4	4.0
9	5.6	0.2	83.4	0.0	0.0	0.0	108.4	0.0	0.0	0.0	0.0	7.6
10	4.8	38.8	5.8	0.0	0.0	8.2	4.8	0.0	0.0	0.0	6.2	23.4
11	68.4	11.2	14.0	0.2	0.4	21.2	37.2	0.0	0.0	0.0	0.0	1.0
12	28.2	13.2	8.6	0.0	0.2	0.0	94.4	0.0	0.0	0.6	0.0	3.0
13	7.6	12.8	17.0	0.0	5.0	0.2	33.2	0.0	0.0	0.0	2.8	0.2
14	0.0	0.0	45.8	0.0	0.6	0.0	2.4	0.0	0.0	8.6	7.6	0.0
15	0.2	4.0	43.4	0.0	0.0	0.0	16.8	0.0	0.0	0.0	82.4	7.8
16	13.6	57.2	0.2	0.0	60.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2
17	10.6	13.2	0.0	0.0	9.0	0.0	0.0	0.0	0.0	5.0	8.6	0.0
18	19.4	29.6	0.0	0.0	12.8	0.0	0.0	0.2	0.0	0.0	5.4	8.0
19	45.4	8.0	0.0	3.4	6.8	0.0	0.0	0.0	0.0	0.0	0.4	24.8
20	1.4	13.4	0.0	12.2	0.8	18.8	0.0	0.0	0.0	0.0	6.0	26.4
21	0.8	20.4	0.0	0.0	16.2	0.4	0.0	0.0	0.0	0.0	0.0	1.4
22	0.0	3.8	0.0	0.0	12.8	18.4	11.2	0.0	0.0	0.0	80.4	44.6
23	27.6	2.0	0.0	0.0	9.2	4.6	2.4	0.0	0.0	0.0	15.8	10.8
24	10.0	1.0	0.2	0.0	0.4	20.2	0.4	0.0	0.0	0.0	13.2	5.6
25	2.4	9.4	0.2	0.0	91.2	8.8	0.0	0.2	0.0	0.0	29.4	5.4
26	9.0	17.0	3.0	0.0	1.8	0.2	0.0	0.0	0.0	0.0	1.6	38.6
27	0.0	3.2	2.0	1.2	4.6	0.0	0.0	0.0	0.2	0.0	23.8	5.8
28	6.2	0.8	0.6	0.4	6.4	0.0	0.0	0.0	0.0	0.0	2.2	1.2
29	12.2		11.6	0.2	12.4	3.4	1.0	0.0	0.0	0.0	1.6	0.0
30	10.4		0.2	3.0	0.0	14.2	0.2	0.0	0.2	0.0	2.6	2.0
31	4.6		14.2		15.8		0.0	0.0		0.0		48.0

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Ossu De Cima	126.373350	-8.688650	950

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0											
2	0.2											
3	2.2											
4	6.2											
5	0.0											
6	1.6											
7	0.0											
8	0.0											
9	3.8											
10	5.2											
11	0.2											
12	3.0											
13	15.8											
14	2.6											
15	0.0											
16	0.0											
17	0.0											
18	0.0											
19	11.0											
20	3.2											
21	11.8											
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Rainfall Data (SoL)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Bahalara-uain	126.273480	-8.949730	21

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											0.0	0.0
2											0.0	0.0
3											0.0	0.0
4											0.0	0.0
5											0.0	0.0
6											0.0	0.0
7											0.0	0.0
8											0.0	0.0
9											0.0	0.0
10											0.0	2.4
11											0.0	0.0
12											0.0	0.0
13											7.8	0.0
14											0.0	0.0
15											0.0	10.2
16											0.0	0.0
17											0.0	0.0
18											0.0	0.0
19											0.0	8.2
20											0.0	0.0
21											0.0	0.0
22											0.0	0.0
23											0.0	0.0
24										0.0	0.0	0.0
25										0.0	13.4	24.8
26										0.0	0.0	0.0
27										0.0	0.0	6.2
28										0.0	0.0	6.4
29										0.0	0.0	0.0
30										0.0	0.0	0.8
31										0.0		0.0

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.8	0.0	0.2	7.4			0.6	0.0	1.6	0.0	0.0	28.4
2	2.6	0.0	12.0	3.0			1.4	0.0	0.0	0.0	0.0	0.2
3	13.4	0.0	25.6	0.0			0.0	0.0	14.0	0.0	0.0	0.0
4	8.4	0.0	15.6	0.0			3.8	0.0	2.0	0.0	0.0	10.4
5	60.0	0.0	1.4	2.0			0.2	0.0	1.8	0.0	0.0	4.4
6	0.8	0.0	38.4	4.8			0.0	0.0	0.0	0.0	0.0	3.8
7	17.2	0.0	6.6	7.4		277.4	7.8	0.2	2.0	0.0	0.0	12.2
8	3.4	1.6	0.0	21.2		10.0	118.6	0.0	0.0	0.0	0.0	0.0
9	6.4	0.0	0.0	0.2		0.0	39.4	0.0	0.0	0.0	0.0	6.4
10	3.8	0.0	0.0	0.0		4.4	6.8	0.0	0.0	0.0	0.0	27.4
11	0.2	0.0	2.0	0.0		3.0	8.6	0.0	0.0	0.0	0.0	0.0
12	39.2	0.0	0.0	0.0		0.0	214.4	0.0	0.0	0.0	0.0	0.0
13	9.4	0.0	7.2	0.0		0.2	16.2	0.0	0.0	0.0	0.0	0.0
14	11.4	0.2	0.2	0.0		0.0	0.2	0.0	0.0	21.2	0.0	0.0
15	5.8	0.4	0.0	0.0		0.0	0.6	0.0	0.0	5.0	0.0	0.0
16	11.6	13.6	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	42.2	0.8	0.0	0.0		0.0	0.4	0.0	0.0	0.0	0.0	0.0
18	4.0	5.2	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	10.6	4.0	0.0	0.2		0.4	0.0	0.0	0.0	0.0	14.8	43.0
20	1.6	0.2	0.0			0.2	0.0	0.0	0.0	0.0	11.8	25.4
21	0.0	10.2	0.0			71.4	0.0	0.0	0.0	0.0	6.0	3.2
22	1.4	1.2	0.0			111.8	46.4	0.0	0.0	0.0	6.4	0.2
23	0.0	0.0	0.0			20.6	0.0	0.0	0.0	0.0	1.4	8.2
24	5.4	0.0	0.0			17.4	0.0	0.6	0.0	0.0	5.6	1.4
25	10.2	0.6	0.0			13.0	0.0	0.0	0.0	4.6	12.8	0.4
26	13.6	7.0	4.4			0.4	0.0	0.0	0.0	7.8	14.6	0.6
27	7.4	1.0	1.0			0.0	0.0	0.8	0.0	0.0	0.4	0.0
28	0.0	0.2	0.0			0.0	0.0	0.0	0.0	0.0	20.4	0.0
29	13.2		2.2			0.4	10.0	0.0	0.0	0.0	3.0	0.0
30	0.0		17.0			0.2	0.0	0.0	0.0	0.0	9.6	0.0
31	18.0		26.4				0.0	0.0		0.0		3.4

Rainfall Data (SoL)

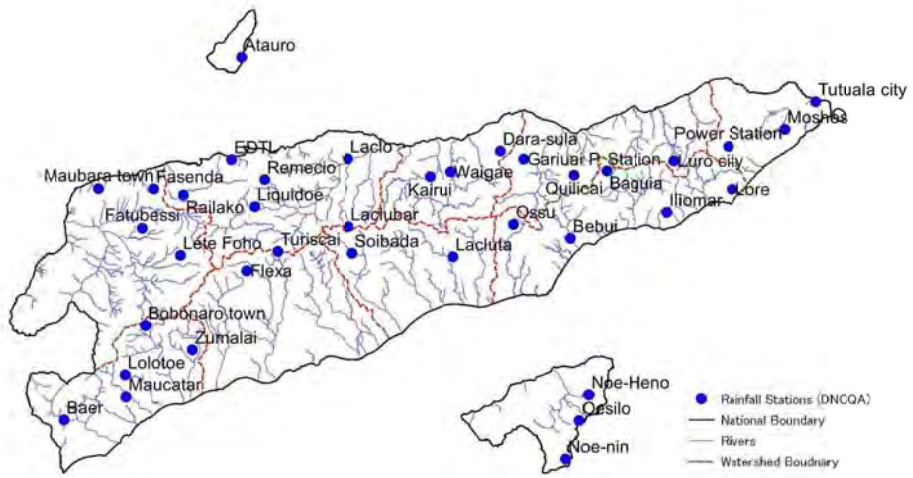
Station Name	Coordination		
	Longitude	Latitude	Elevation
Bahalara-uain	126.273480	-8.949730	21

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.8	4.4	0.0	10.6	0.0	5.2	3.0	0.0				
2	0.0	0.6	0.2	0.2	0.0	4.2	0.0	0.0				
3	0.0	7.8	0.0	0.0	0.0	0.8	0.0	0.6				
4	20.8	0.0	3.4	0.0	0.0	2.6	0.0	0.2				
5	0.0	1.0	0.0	3.2	0.0	9.0	4.2	0.0				
6	1.4	4.2	0.4	0.0	1.2	0.4	1.8	0.0				
7	0.0	0.0	0.2	0.0	0.0	8.4	0.0	1.2				
8	0.0	0.0	0.2	0.0	1.2	24.4	0.2	0.0				
9	0.0	0.0	0.0	69.0	9.2	2.4	0.2	0.0				
10	0.0	0.0	0.0	0.0	55.0	1.8	0.0	0.0				
11	0.0	19.6	0.0	0.0	2.0	0.0	0.0	0.0				
12	8.0	0.0	0.8	0.0	0.0	0.0	0.8	0.0				
13	35.0	0.0	1.4	0.0	1.4	0.0	0.0	0.0				
14	2.2	4.2	0.0	0.0	1.4	0.0	0.0	0.0				
15	19.8	72.2	9.6	3.0	0.4	1.2	0.0	0.2				
16	5.0	23.4	0.2	0.0	0.4	17.2	0.0	0.2				
17	0.0	30.0	0.0	0.6	6.2	0.2	0.0	0.0				
18	0.0	18.0	20.2	0.0	79.8	0.2	0.0	0.0				
19	2.8	0.4	2.6	0.0	6.8	1.8	0.4					
20	50.6	0.0	0.0	31.0	13.6	52.0	0.2					
21	5.6	0.0	0.0	15.0	25.2	53.6	0.0					
22	9.6	0.0	0.0	0.0	20.2	0.2	0.0					
23	10.4	0.0	0.0	0.2	23.4	0.0	0.6					
24	0.0	4.4	0.0	0.0	18.0	0.0	0.0					
25	0.0	0.2	0.0	0.0	0.2	0.0	0.0					
26	0.0	5.4	0.0	2.8	4.6	1.0	0.0					
27	0.0	0.0	0.0	0.4	24.2	1.2	2.8					
28	6.6	0.0	0.0	0.0	0.0	6.6	26.4					
29	0.0		0.0	0.0	0.0	0.6	3.6					
30	0.0		2.2	0.0	1.0	0.8	0.6					
31	0.0		0.2		2.8		0.2					

3. DNCQA (Daily)

Rainfall Stations (DNCQA)



Informations of Rainfall Stations (managed by DNCQA)

	Name of station	Name of person in charge	Mobile number	District	Sub-district	Suco	Aldeia	Latitude	Longitude	Location (center of)	Location Source	Remarks
1	Remecio	Albino Mesquita Fernandes	77410943	Aileu	Remecio	Acumau	Aimorelinn	8.61583	125.66694		Original data obtained from DNCQA	
2	Liquidoe	Cristo Paulo Danino Andrade	77364112	Aileu	Liquidoe	Faluico	Tafilisarae	8.69380	125.63830	Aldeia	25K Topographical Maps	
3	Flexa	Terezinha da Silva Pacheco	75413701	Ainaro	Maubisse	Aitutu	Airacalau	8.87833	125.61528		Original data obtained from DNCQA	
4	Waigae	Venancio Mateus Soares	77442539	Baucau	Vemasse	Uaigae	Lari	8.59356	126.20353		Original data obtained from DNCQA	
5	Dara-sula	Antao da Costa	77180235	Baucau	Baucau	Gariuai	Darasula	8.53357	126.34658	Aldeia	25K Topographical Maps	
6	Gariuai P. Station	Antao da Costa	77180235	Baucau	Baucau	Gariuai	Manucale	8.55662	126.41441	Aldeia	25K Topographical Maps	
7	Quilicai	Sedelagio R. da Conceicao	77167788	Baucau	Quelicai	Baguia	Samuda	8.60278	126.55944		Original data obtained from DNCQA	
8	Baguia	Clemetino dos Neves	77837264	Baucau	Baguia	Samulari	Daraloi Craic	8.59050	126.65330	Suco	Measured on QGIS	
	Vemasse							Same as 4. Waigae				
9	Kairui	Gaspar do R.J da Costa	77319504	Manatuto	Laleia	Cairui	Raimensa	8.60726	126.14402	Aldeia	25K Topographical Maps	
10	Bobonaro town	Mathas Noronha Muniz	77527940	Bobonaro	Bobonaro	Bobonaro	Tulusata	9.03583	125.32444		Original data obtained from DNCQA	
11	Lolotoe	Januario Maia	77761841	Bobonaro	Lolotoe	Opa	Rai Mera	9.17813	125.26616		Original data obtained from DNCQA	
12	Baer	National staff		Covalima	Tilomar	Fobolulic	Baer	9.30722	125.09028	Aldeia	25K Topographical Maps	*Information of location is provided by DNCQA national staff because it is very difficult to access to mobile network in this area and we could not find peson in charge of this station.
13	Maucatar	Clementino Guterres	78244121	Covalima	Maucatar	Belacasac	Lolobu	9.24110	125.26820	Suco	Measured on QGIS	
14	Zumalai	Rogerio de Araujo	75496795	Covalima	Zumalai	Lour	Bubu(Lulubi)	9.10580	125.45890	Suco	Measured on QGIS	
15	EDTL	National staff		Dili	Vera Cruz	Caicoli	Caicoli	8.55833	125.57194		Original data obtained from DNCQA	
16	Atauro	Domingos Ximenes	77351693	Dili	Atauro	Atauro Vila /Maumeta	Ilieiceaaqua	8.26305	125.60107	Suco	Measured on QGIS	
17	Railako	Lucas dos Santos	77024803	Ermera	Railaco	Lihu	Hi	8.66007	125.43338	Aldeia	25K Topographical Maps	
18	Fatubessi	Agapito de Carvalho	77598763	Ermera	Hatolia	Fatubessi	Pregrtnagão	8.75570	125.31530	Suco	Measured on QGIS	
19	Lete Foho	Jose Soares	75728462	Ermera	Letefoho	Haugu	Lutulala	8.83361	125.42500		Original data obtained from DNCQA	
20	Luro city	Elias Bonico	77435971	Lautem	Luro	Luro	Amaluru	8.56160	126.84850	Suco	Measured on QGIS	
21	Iliomar	Herminia Hunigue	77933464	Lautem	Iliomar	Iliomar I	Iliomar	8.70990	126.82800	Aldeia	25K Topographical Maps	
22	Power Station	Sebastino da Costa	77730556	Lautem	Lospalos	Pualoro	Ira/Ara	8.52056	127.00472		Original data obtained from DNCQA	
23	Lore	Julieta da Conceicao	77983932	Lautem	Lospalos	Lore I	Horolata	8.64368	127.01516	Aldeia	25K Topographical Maps	*Information of location is provided by Sebastino da Costa (in charge of No.23 Power Station) because it is very difficult to access to mobile network in this are and we could not contact to Julieta da Conceicao.
24	Moshes	National staff		Lautem	Tutuala	Mehara	Malahara	8.47111	127.16833		Original data obtained from DNCQA	This station has telemeter structure This station is managed by DNCQA directory.
25	Tutuala city	Antonio Ribeiro dos santos	77730572	Lautem	Tutuala	Tutuala	Pitileti	8.39139	127.25694		Original data obtained from DNCQA	
26	Maubara town	Inacio Ximenes	77985388	Liquiça	Maubara	Vaviquinia	Darulara	8.64184	125.18921	Aldeia	25K Topographical Maps	
27	Fasenda	Natalia de Oliveira P.	77274167	Liquiça	Liquiça	Darulete	Carlema	8.64250	125.34765	Aldeia	25K Topographical Maps	
28	Laclo	Recardina R. Pereira	77576269	Manatuto	Laclo	Uma Cadiuac	Halu Hoho	8.55583	125.90833		Original data obtained from DNCQA	
29	Laclubar	Francisco Sarmento	77336126	Manatuto	Laclubar	Ordalan	Tonilalan	8.75089	125.90972	Aldeia	25K Topographical Maps	
30	Soibada	Leopoldo Soares	75822672	Manatuto	Soibada	Manufahi	Teras	8.82778	125.92083	Aldeia	25K Topographical Maps	
31	Turiscai	Abril de Araujo	77594469	Manufahi	Turiscai	Caimauc	Raelete	8.82250	125.70528		Original data obtained from DNCQA	
32	Noe Heno (Tselin)	Gerfasio Saet Teme	77468355	Oecusse	Pante Makasar	Costa	Lacufham	9.27801	124.41099	Aldeia	25K Topographical Maps	
33	Oesilo (Usapicolen)	Joao Saputra Punef	78148261	Oecusse	Oesilo	Bobometo	Usapicolen	9.35212	124.38418	Aldeia	25K Topographical Maps	
34	Lacluta	Floriano Apurcio	77777754	Viqueque	Lacluta	Alisc	Ai Lo'oe	8.83778	126.21111		Original data obtained from DNCQA	
35	Ossu	Antonio da Silva	77541759	Viqueque	Ossu	Ossu Decima	Belas	8.74472	126.38444		Original data obtained from DNCQA	
36	Bebui	Alexo de Carvalho	77725116	Viqueque	Watulari	Afaloicai	Ossocuma	8.78490	126.54910	Suco	Measured on QGIS	*Located at the exit of Bebui river
Plan	Noe-nin	Videlis Cenorin	75498642	Oecusse	Passabe	Abani	Passabe	9.46294	124.34481		Original data obtained from DNCQA	*Not installed yet. Will be operated in near future

1) Location information (District, Sub-district, Suco, Aldeia) are collected from each operator.
2) Longitude and latitude of Aldeia are confirmed using topographic map. If the location of Aldeia is not clear, longitude and latitude of center of Suco area is measured using QGIS software.
3) In case location of original information is near and located within same Suco of 2), original data is decided as correct.
4) In case location of original information is "not" near or "not" located within same Suco of 2), data of 2) is adopted as higher accuracy data than original data.

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Remecio	125.666944	-8.615833	874

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	19.0	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	32.2	9.0	35.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	31.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	1.4	4.2	12.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1
5	0.0	21.3	1.2	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	72.5	34.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0
7	32.2	17.2	61.3	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	17.7
8	52.3	12.7	0.0	101.9	0.0	0.0	0.0	1.8	0.0	0.0	1.7	34.1
9	40.9	0.0	0.0	10.2	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	7.1	10.1	0.0	0.0	0.0	0.0	0.0	5.9	34.9
11	0.0	23.6	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	2.7	31.4
12	0.0	92.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	6.8	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	11.9
14	1.9	0.0	103.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	9.6	10.1
15	0.0	0.0	0.0	48.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	1.3	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	11.2	6.5	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	7.3
18	0.0	0.0	11.3	47.1	0.0	0.0	0.0	0.0	0.0	1.4	4.2	0.0
19	0.0	0.0	0.0	17.6	0.0	0.0	0.0	0.0	0.0	0.0	3.9	16.5
20	0.0	9.6	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	22.3	1.7
22	3.2	51.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	24.3	0.0
23	17.4	0.0	5.4	38.6	0.0	0.0	0.0	0.0	0.0	12.6	5.0	0.0
24	0.0	2.3	7.2	1.9	0.0	0.0	0.0	0.0	0.0	9.1	3.8	5.9
25	24.2	0.0	20.9	0.0	0.0	3.7	0.0	0.0	0.0	0.0	18.8	0.0
26	0.0	10.8	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	3.6
27	0.0	3.7	18.7	31.5	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
28	0.0	0.0	42.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	5.7
30	10.9		3.1	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
31	3.9		0.0		0.0		0.0	0.0		26.6		25.7

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	36.9	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	84.2	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	33.6	105.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	24.5	0.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0
5	5.1	0.0	104.1	0.0	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	1.6	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
7	69.8	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	10.9	51.9	10.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	14.1	12.2	49.8	0.0	39.2	0.0	0.0	0.0	0.0	0.0	0.0	19.4
11	0.0	0.0	15.4	0.0	47.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9
12	0.0	0.0	44.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7
13	0.0	17.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
14	0.0	0.0	27.3	0.0	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	6.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7
16	0.0	0.0	3.1	1.9	0.0	0.0	0.0	0.0	0.0	13.4	0.0	1.8
17	0.0	0.0	40.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
18	58.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	21.6
19	16.6	77.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.3
20	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	3.5
21	28.4	55.4	4.7	13.8	0.0	0.0	0.0	0.0	0.0	0.0	2.0	28.8
22	38.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
24	12.7	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2
25	0.0	0.0	0.0	58.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
26	0.0	0.0	5.8	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
27	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	20.9	0.0	33.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	52.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.6	16.9
30	5.7		15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	3.0
31	6.8		5.1		0.0		0.0	0.0		0.0		50.2

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Remecio	125.666944	-8.615833	874

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	4.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
2	5.1	0.0	12.1	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	13.4
3	52.7	9.5	12.6	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	19.1
4	27.3	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	37.3
5	114.7	4.4	9.3	6.5	5.2	4.1	0.0	0.0	0.0	0.0	0.0	18.3
6	5.6	0.0	26.8	65.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6
7	0.0	0.0	33.2	3.2	0.0	28.8	0.0	0.0	0.0	0.0	0.0	0.0
8	52.2	0.0	3.2	48.6	0.0	3.2	4.4	0.0	0.0	0.0	0.0	5.9
9	12.0	12.6	4.2	3.4	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0
10	37.8	4.1	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
11	0.0	9.2	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.9
12	37.7	4.3	0.0	0.0	0.0	0.0	45.4	0.0	0.0	0.0	0.0	18.4
13	0.0	8.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	2.5	9.5	11.1	0.0	0.0	0.0	0.0	0.0	0.0	25.3	0.0	0.0
15	14.6	37.8	1.2	20.7	0.0	0.0	0.0	0.0	0.0	0.0	1.3	14.9
16	5.6	25.2	11.2	0.0	5.5	0.0	0.0	0.0	0.0	0.0	15.1	19.0
17	4.7	24.9	0.0	0.0	0.8	0.0	0.0	0.0	0.0	10.7	5.6	6.7
18	5.6	11.4	0.0	0.0	8.2	0.0	0.0	0.0	0.0	0.0	25.9	12.1
19	23.1	29.6	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	8.0	30.2
20	15.3	63.2	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	32.0	0.0	0.0	36.4	0.0	11.3	0.0	0.0	0.0	8.9	0.0
22	0.0	42.9	0.0	0.0	2.1	20.9	0.0	0.0	0.0	0.0	2.1	39.5
23	0.0	1.2	4.8	0.0	10.1	0.0	0.0	0.0	0.0	0.0	8.2	0.0
24	0.9	7.3	0.0	0.0	28.9	2.6	0.0	0.0	0.0	0.0	1.6	0.0
25	1.9	0.5	0.0	0.0	5.0	2.2	0.0	0.0	0.0	0.0	28.3	52.9
26	3.6	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	31.3
27	0.0	17.6	40.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2
28	40.4	0.0	35.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	54.4		0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	3.3		19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	26.6
31	3.8		4.3		0.0		0.0	0.0		0.0		4.1

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.1	19.8	0.0	6.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	4.2
2	0.0	42.3	0.0	11.3	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0
3	10.1	4.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5
4	1.9	34.1	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	8.9
5	0.0	120.4	62.2	52.7	0.0	1.1	0.0	0.0	0.0	0.0	0.0	27.9
6	0.0	34.8	6.9	6.4	9.6	0.0	0.0	0.0	0.0	0.0	0.0	5.5
7	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9
8	0.0	0.0	31.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
9	0.0	0.0	21.6	21.4	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0
10	5.7	7.9	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	24.8	8.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	5.3	6.8	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	29.0
13	0.0	54.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
14	0.0	18.4	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8
15	0.0	64.4	11.4	10.4	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0
16	12.4	0.0	12.1	18.8	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0
17	3.9	17.8	33.7	27.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	2.9
18	0.0	7.0	0.0	34.2	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	10.6	25.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
20	23.9	0.0	0.0	12.8	0.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0
21	9.8	0.0	0.0	35.6	0.0	33.6	0.0	0.0	0.0	0.0	0.0	5.7
22	3.0	110.1	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	18.5	11.2
23	11.3	3.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	8.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	6.3	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
26	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6
28	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	7.6	0.0
29	4.7		0.0	6.8	0.0	4.9	0.0	0.0	0.0	0.0	2.5	1.6
30	16.8		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.2
31	0.0		0.0		0.0		3.0	0.0		0.0		41.6

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Liquidoe	125.638300	-8.693800	

Year 2011 Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
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31												

Year 2012 Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
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31												

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Liquidoe	125.638300	-8.693800	

Year 2013 Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
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Year 2014 Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
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4												
5												
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31												

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Flexa	125.615278	-8.878333	2,015

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.4	6.1	0.0	31.2	0.0	0.0	0.2	1.7	0.0	0.0	1.8	0.0
2	1.6	4.0	0.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.1	0.1
3	4.9	3.5	0.3	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	25.5
4	7.4	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	6.2	0.0	1.3
5	0.3	3.2	0.2	3.3	5.2	0.0	0.0	0.0	0.0	7.1	0.0	0.0
6	0.2	11.1	0.1	20.2	0.1	0.0	0.0	12.9	0.0	4.4	2.5	1.5
7	0.0	0.9	0.6	77.4	2.5	0.0	0.9	4.4	0.0	0.1	49.9	1.2
8	0.0	7.2	0.0	54.4	8.3	0.0	2.1	7.2	0.0	0.0	0.2	15.2
9	0.0	6.2	0.0	18.6	44.5	0.0	0.5	0.4	0.0	0.0	0.0	0.0
10	0.0	9.6	0.0	12.5	5.2	0.0	1.4	0.0	0.0	0.0	0.0	44.7
11	0.0	4.4	0.0	8.5	17.3	0.0	0.3	0.0	0.1	0.0	0.0	7.5
12	6.3	4.0	0.0	0.7	14.5	21.1	0.5	0.0	0.1	0.0	0.0	7.6
13	10.2	11.6	0.0	0.2	20.3	4.2	1.2	0.0	0.1	10.2	0.0	105.5
14	0.0	0.0	0.0	0.0	12.9	0.4	2.1	0.0	0.1	0.0	0.0	36.1
15	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.1	0.0	27.4	1.9
16	0.0	1.6	15.7	0.0	8.3	0.0	1.3	0.0	0.1	0.3	0.0	40.9
17	5.1	0.8	45.8	1.5	5.5	0.2	2.7	0.0	0.1	0.0	0.2	50.8
18	0.0	0.0	15.2	17.7	0.0	0.3	1.6	0.0	0.0	0.1	1.4	46.9
19	0.0	4.0	15.7	1.4	1.4	0.3	0.0	0.0	0.0	0.3	10.1	7.3
20	0.0	1.6	42.7	29.5	5.1	0.2	0.0	0.0	0.0	0.3	11.4	41.0
21	0.0	15.8	10.5	34.9	2.7	0.4	0.0	0.1	0.0	20.0	9.8	15.9
22	0.0	10.5	10.3	35.0	0.1	0.3	0.2	0.2	0.0	10.8	0.3	13.3
23	0.7	28.7	22.9	7.7	0.2	0.0	1.0	0.0	0.0	22.8	0.0	0.2
24	0.9	3.8	35.7	9.1	0.0	0.2	0.2	1.2	0.0	0.3	0.0	8.1
25	3.5	5.2	4.1	7.8	0.0	26.1	0.1	0.1	0.0	3.5	0.1	0.1
26	0.0	2.1	43.1	22.2	0.4	9.9	4.1	0.2	0.0	0.2	17.7	1.3
27	12.6	3.0	31.5	25.7	0.5	5.3	0.5	0.1	0.0	0.0	51.0	0.0
28	5.7	0.0	11.9	10.4	2.3	0.0	0.2	0.1	0.0	0.0	4.1	0.2
29	5.2		1.6	0.0	10.4	0.0	0.2	0.5	0.0	0.0	0.1	4.7
30	17.7		25.2	0.0	0.4	0.0	5.6	0.2	0.0	0.1	0.1	0.1
31	23.2		20.9		0.0		0.3	0.0		40.5		6.5

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.8	10.5	0.5	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0
2	12.2	0.7	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
3	13.4	9.8	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	15.9	1.7	2.1	0.0	54.2	5.4	0.0	0.0	0.0	0.1	0.0	0.0
5	5.3	0.1	14.3	0.1	41.2	1.9	5.2	0.0	0.0	0.0	0.0	0.2
6	12.3	10.5	14.8	3.3	7.2	0.0	13.2	0.0	0.0	0.2	0.0	1.3
7	1.0	2.9	43.2	0.0	19.4	0.5	0.0	0.1	0.0	0.0	0.0	2.2
8	0.1	2.9	0.6	0.0	0.8	0.0	0.1	0.0	0.0	0.0	0.0	0.0
9	0.1	50.9	30.4	0.2	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0
10	41.0	36.0	12.2	0.0	20.9	0.0	0.1	0.0	0.0	0.0	0.0	46.0
11	5.4	10.5	0.0	10.2	55.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3
12	3.5	0.0	34.9	1.3	10.1	0.0	0.1	0.0	0.0	0.0	0.0	10.6
13	3.3	0.4	2.9	10.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0	1.7
14	0.0	6.6	8.3	9.6	63.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
15	0.1	0.4	3.9	16.9	21.6	0.0	0.0	0.0	0.0	0.0	0.0	12.7
16	0.0	0.6	1.9	2.2	8.3	0.0	23.5	0.0	0.0	0.0	0.0	81.6
17	1.7	0.4	2.7	1.1	1.9	0.2	2.7	0.0	0.0	0.0	0.0	1.2
18	0.5	0.1	1.1	0.1	0.2	3.2	2.6	0.0	0.0	0.0	0.0	10.7
19	0.1	7.8	4.6	0.1	0.0	10.6	0.4	0.0	0.0	0.0	23.1	20.8
20	0.5	1.6	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	25.6	15.6
21	0.4	12.3	4.9	0.3	0.2	0.0	0.0	0.0	0.0	0.0	45.9	10.7
22	0.0	24.1	1.4	0.2	17.2	0.0	0.0	0.0	0.0	0.0	0.4	0.1
23	0.2	14.3	0.3	64.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5
24	0.2	34.0	0.0	43.1	0.5	0.6	0.0	0.0	0.0	0.4	0.0	11.8
25	13.4	36.1	1.1	80.0	16.5	0.1	0.0	0.5	0.0	0.3	18.0	1.2
26	0.6	0.4	3.5	55.2	60.2	0.0	0.0	0.4	25.0	0.5	11.2	2.4
27	0.0	40.5	0.0	49.0	0.1	0.0	0.0	0.0	0.5	0.1	0.0	19.3
28	0.0	6.7	0.0	58.1	1.1	0.0	0.2	0.0	0.4	0.0	0.0	0.2
29	0.0	2.3	45.5	1.0	1.9	0.0	7.4	0.0	0.2	0.0	0.0	5.9
30	0.0		58.5	0.0	1.4	0.0	0.2	0.0	0.0	0.0	1.1	26.7
31	0.0		0.0		0.2		0.0	0.0		0.0		0.3

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Flexa	125.615278	-8.878333	2,015

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	40.2	61.2	0.0	0.5	3.5	5.9	4.5	0.0	2.0	0.0	5.9	1.7
2	7.4	47.8	1.2	46.1	0.0	10.1	1.7	0.0	0.0	0.0	0.0	0.6
3	3.6	30.6	11.5	0.5	11.2	25.1	0.0	0.0	0.1	0.0	0.0	15.2
4	6.3	0.0	11.6	0.0	52.3	23.0	0.0	0.0	0.2	0.0	0.0	9.0
5	40.6	0.0	15.9	2.7	23.4	18.3	0.0	0.0	24.7	0.0	0.0	8.7
6	3.9	0.0	3.5	63.6	2.9	3.1	3.5	0.0	0.0	0.0	0.0	34.7
7	3.1	0.0	3.2	5.9	0.1	78.4	1.7	0.0	0.0	0.0	0.0	4.2
8	14.5	13.5	0.4	60.7	0.0	32.7	106.5	0.0	0.0	0.0	0.0	13.2
9	4.3	0.3	1.1	37.6	0.0	12.9	31.8	0.0	0.0	0.0	0.0	1.7
10	5.8	24.5	11.2	1.3	0.0	6.4	34.1	0.0	0.0	0.0	0.0	40.5
11	9.1	0.3	16.9	1.5	0.2	4.7	1.7	0.0	0.0	0.0	6.5	0.2
12	5.9	9.9	0.3	0.1	0.0	1.2	105.8	0.0	0.0	0.0	0.0	9.5
13	11.8	2.1	1.6	0.3	0.0	0.0	25.5	0.0	0.0	0.0	11.2	4.8
14	4.6	3.6	0.0	0.1	0.1	0.0	25.8	0.0	0.0	9.7	11.0	0.1
15	2.1	1.6	1.0	0.0	0.5	0.0	5.6	0.0	0.0	14.4	1.2	38.5
16	0.1	54.2	0.0	0.0	3.5	0.0	0.3	0.0	0.0	15.4	3.3	5.0
17	4.6	14.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	13.9	0.0	2.7
18	0.4	28.2	0.0	0.0	21.8	0.0	0.1	0.0	0.0	0.0	29.9	2.8
19	5.2	2.3	0.0	1.7	15.3	6.6	0.0	0.0	0.0	0.0	3.2	54.1
20	0.4	14.3	0.0	8.6	5.6	0.8	0.5	0.0	0.0	0.0	0.0	36.2
21	2.1	43.3	0.0	0.2	38.3	9.3	1.7	0.0	0.0	0.0	0.0	0.5
22	0.0	2.6	0.4	1.5	0.0	36.7	23.7	0.0	0.0	0.0	11.3	26.1
23	0.0	2.8	0.0	0.0	23.6	3.7	23.0	0.0	0.0	0.0	23.6	0.1
24	2.2	5.0	0.0	0.0	0.5	4.5	0.5	0.0	0.0	0.0	0.2	1.1
25	0.1	0.0	0.5	0.6	2.6	2.5	0.0	0.0	0.0	0.0	27.1	2.9
26	1.3	0.1	0.6	1.2	0.1	1.8	0.0	0.0	0.0	9.7	3.3	7.1
27	0.7	0.0	0.0	0.6	6.0	0.9	0.0	6.4	0.0	0.0	0.1	3.9
28	2.1	0.0	0.2	0.7	6.7	0.0	0.0	0.0	0.0	0.0	4.3	0.2
29	0.7		0.0	0.1	18.2	0.4	0.5	0.0	0.0	0.0	0.0	0.2
30	2.7		0.0	0.3	1.0	33.4	0.6	0.0	0.0	0.0	31.8	26.3
31	0.6		0.0		1.2		0.0	0.0		0.0		31.5

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.3	3.7	0.0	8.1	8.0	1.3	10.1	0.0	0.0	0.0	0.0	0.0
2	25.4	15.4	0.8	0.1	0.0	7.5	0.7	0.0	0.0	0.0	0.0	33.7
3	10.7	2.7	0.0	0.0	0.2	11.1	1.8	0.0	0.0	0.0	0.0	0.9
4	8.0	5.0	0.2	0.0	0.0	2.5	3.9	3.5	0.0	0.0	0.0	4.6
5	4.5	0.1	0.0	0.0	0.0	23.8	0.2	0.6	0.0	0.0	0.0	7.6
6	3.9	0.0	13.8	0.0	1.6	16.8	1.3	0.2	0.0	0.0	0.0	6.9
7	0.0	0.0	0.1	0.3	10.6	27.8	0.0	1.4	0.0	0.0	0.0	56.0
8	0.0	0.0	0.0	16.3	0.0	52.9	0.0	1.7	0.0	0.0	0.0	10.6
9	3.3	0.0	3.8	15.4	29.1	29.5	0.2	0.3	0.0	0.0	0.0	23.5
10	50.7	0.0	43.2	11.2	29.1	3.1	0.0	0.0	0.0	0.0	0.0	1.4
11	0.0	0.0	3.7	10.6	1.3	0.1	0.0	0.0	0.0	0.0	0.0	2.9
12	0.1	1.7	15.9	55.6	19.0	0.5	2.9	0.0	0.0	0.0	0.0	15.2
13	11.5	73.2	2.7	25.4	8.1	0.1	0.3	0.6	0.0	0.0	0.0	34.0
14	0.3	29.0	15.7	60.3	0.0	0.0	7.0	0.0	0.0	0.0	0.0	59.3
15	2.5	0.0	47.7	26.5	0.5	0.0	2.1	0.2	0.0	0.0	0.5	0.5
16	0.9	0.0	9.0	22.7	0.0	62.6	0.0	0.5	0.0	0.0	0.8	38.1
17	0.1	4.2	2.2	24.6	1.9	1.0	1.6	0.2	0.0	0.0	2.7	33.5
18	0.3	9.0	2.3	11.2	32.4	0.6	3.0	0.0	0.0	0.0	0.0	40.6
19	0.1	0.7	48.4	0.2	17.1	13.3	0.1	0.0	0.0	0.0	0.0	0.2
20	3.1	1.8	0.3	43.2	2.2	24.3	0.0	0.0	0.0	0.0	0.3	25.1
21	8.8	0.2	0.0	21.3	9.8	95.0	0.2	0.0	0.0	0.0	0.0	0.3
22	6.5	21.2	0.2	20.2	2.4	0.5	0.3	0.0	0.0	0.0	31.2	10.6
23	0.7	0.1	3.2	0.2	32.3	1.3	0.3	0.0	0.0	0.0	0.3	72.3
24	11.7	0.0	0.3	0.4	26.0	0.2	0.1	0.0	0.0	0.0	0.0	17.3
25	7.5	8.3	0.9	0.0	11.2	0.0	0.3	0.0	0.0	0.0	0.0	9.0
26	1.3	9.1	12.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	16.3
27	0.1	0.0	39.3	0.0	18.9	5.2	0.2	0.0	0.0	0.0	0.0	27.1
28	0.9	0.0	0.0	0.0	11.5	1.4	0.5	0.0	0.0	0.0	0.5	16.7
29	1.2		0.0	21.9	0.0	2.7	8.3	0.0	0.0	0.0	0.0	1.7
30	1.6		15.8	0.2	0.0	4.4	2.5	0.0	0.0	0.0	0.0	3.9
31	5.8		2.9		2.0		0.0	0.0		0.0		2.3

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Waigae	126.203529	-8.593564	82

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1									0.0	0.0	10.4	0.0
2									2.3	0.0	0.0	0.0
3									0.0	0.0	0.0	0.0
4									0.0	0.0	0.0	4.2
5									0.0	0.0	0.0	5.1
6									0.0	0.0	6.7	0.0
7									0.0	0.0	1.0	10.4
8									0.0	0.0	2.1	34.0
9									0.0	0.0	27.1	0.4
10									0.0	0.0	0.0	2.8
11									0.0	0.0	3.2	0.0
12									0.0	0.0	9.2	0.0
13									0.0	0.0	7.1	36.0
14									0.0	0.0	15.0	2.1
15									0.0	0.2	1.8	0.0
16									0.0	0.0	21.3	0.0
17									0.0	3.1	0.0	0.0
18									0.0	0.5	5.3	0.0
19									0.0	0.0	0.0	0.0
20									0.0	6.4	1.4	10.9
21									0.0	17.1	0.0	10.5
22									0.0	7.9	10.0	3.5
23									0.0	0.0	0.0	49.7
24									0.0	4.5	0.0	0.0
25									0.0	30.4	22.0	0.0
26									0.0	3.4	33.1	18.3
27									0.0	0.0	27.8	0.0
28									0.0	0.0	0.0	15.9
29									0.0	0.0	1.2	17.8
30									0.0	0.0	0.6	0.0
31										30.9		0.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.1	10.4	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	19.6	0.0
2	17.9	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
3	10.3	64.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0
4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	42.4	1.4	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	35.1	0.0	14.3	1.3	18.5	0.0	0.0	0.0	0.0	0.0	0.0	16.9
7	17.6	0.0	60.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	6.1	10.2	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	2.1
9	2.7	15.2	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	22.2	23.7	0.0	19.4	0.0	0.0	0.0	0.0	0.0	0.0	36.7
11	2.1	0.0	12.1	0.0	52.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	22.9	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	7.5
13	0.0	6.2	20.8	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.9
14	0.0	0.0	8.1	30.9	19.5	0.0	0.0	0.0	0.0	0.0	16.2	0.0
15	10.9	0.0	47.6	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
16	0.0	12.2	41.3	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	63.9
17	7.6	9.9	5.4	0.0	0.0	0.0	23.4	0.0	0.0	0.0	0.0	0.9
18	5.0	0.0	0.0	21.6	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0
19	17.4	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2
20	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.6
21	0.8	0.0	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1
22	34.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2
23	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.7
25	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0
26	0.0	0.0	0.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
27	0.0	43.3	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
28	0.0	0.7	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
30	11.3		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	23.0
31	24.5		0.0		0.0		0.0	0.0		0.0		21.9

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Waigae	126.203529	-8.593564	82

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.1	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
2	16.4	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1
3	14.6	0.0	8.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	4.5
4	8.1	0.0	4.3	0.3	0.0	7.2	0.0	0.0	0.0	0.0	0.0	25.1
5	8.3	0.0	6.2	6.7	15.8	3.5	0.0	0.0	0.0	0.0	0.0	23.6
6	12.3	0.0	7.5	11.7	0.0	4.2	0.0	0.0	0.0	0.0	0.0	4.3
7	16.4	3.9	2.9	0.0	0.0	51.0	0.0	0.0	0.0	0.0	0.0	1.2
8	22.4	3.1	5.8	29.7	0.0	3.3	0.0	0.0	0.0	0.0	0.0	14.6
9	8.5	4.0	0.0	2.6	0.0	0.0	45.0	0.0	0.0	0.0	1.3	0.0
10	2.1	5.7	7.3	36.7	0.0	0.0	0.0	0.0	0.0	0.0	5.3	10.0
11	5.5	1.2	5.8	0.0	0.0	0.0	0.0	0.0	21.5	0.0	0.0	0.0
12	37.3	4.4	0.0	0.0	0.0	0.0	59.5	0.0	0.0	0.0	0.0	9.2
13	46.2	12.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
14	0.6	0.0	10.4	0.0	35.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	61.2	0.0	0.0	15.0	0.0	0.0	0.0	0.0	6.6	13.6	3.9
16	1.7	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	1.3	27.8
17	38.4	31.3	0.0	0.0	7.6	0.0	0.0	0.0	0.0	2.0	5.3	9.3
18	0.0	17.4	0.0	0.0	22.7	0.0	0.0	0.0	0.0	0.0	3.2	10.2
19	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
20	3.6	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.3	5.6
21	5.4	9.2	0.0	0.7	2.2	10.3	0.0	0.0	0.0	0.0	18.0	6.2
22	0.0	4.6	0.0	0.0	3.8	54.2	0.0	0.0	0.0	0.0	18.0	0.0
23	0.0	0.0	25.0	0.0	0.7	11.5	0.0	0.0	0.0	0.0	18.0	0.0
24	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0	0.0	18.0	0.0
25	0.0	0.0	0.0	0.0	27.3	3.4	0.0	0.0	0.0	0.0	46.0	8.8
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8
27	0.0	3.5	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	19.8	5.4
28	33.2	8.1	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
29	9.7		18.3	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	3.1
30	0.0		9.1	0.0	-	0.0	0.0	0.0	0.0	0.0	19.8	0.0
31	0.6		0.0		-		0.0	0.0		0.0		0.0

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.8	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	6.3	43.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.5
3	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
4	9.9	2.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	6.9	5.2	45.8	0.0	0.0	0.0	0.0	0.0	0.0	28.9
6	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.5
7	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	3.8
8	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
9	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9
10	0.0	0.0	43.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	19.3	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2
12	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2
13	0.0	0.0	3.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
14	3.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	4.8	0.0	13.7	0.0	0.0	1.9	0.0	0.0	2.5	0.0	0.0
16	1.4	0.0	9.5	4.5	2.1	0.0	1.8	0.0	0.0	0.0	0.0	0.2
17	3.1	0.0	6.8	21.1	35.8	0.0	0.0	0.0	0.0	0.0	0.0	0.6
18	0.0	2.9	26.7	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
19	0.0	0.9	36.7	0.0	3.7	1.2	0.0	0.0	0.0	0.0	0.0	0.3
20	3.3	0.0	0.0	2.9	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0
21	1.7	10.9	1.6	8.4	0.0	61.3	0.0	0.0	0.0	0.0	0.0	3.8
22	13.8	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	16.5
23	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5
24	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.7	0.0	0.9	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	15.9	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.7
27	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
28	0.0	0.0	0.0	0.0	0.0	1.1	4.0	0.0	0.0	0.0	0.0	4.6
29	0.0		0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	2.0	0.5
30	1.1		6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.5		0.0		0.0		0.0	0.0		0.0		5.4

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Dara-sula	126.346580	-8.533570	490

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.2							0.0	0.0	0.0	7.3	0.5
2	22.1							0.0	0.0	0.0	8.7	0.2
3	0.0							0.0	0.0	0.0	0.4	0.1
4	0.0							0.0	0.0	0.0	2.4	86.0
5	0.0							0.0	0.0	0.0	0.5	0.7
6	0.0							0.0	0.0	0.0	27.1	16.1
7	8.0							0.0	0.0	0.0	32.6	20.8
8	14.2							2.2	0.0	0.0	7.9	30.7
9	11.0							2.1	0.0	0.0	2.1	0.7
10	0.0							0.0	0.0	0.0	1.3	0.3
11	0.0							0.0	0.0	0.0	0.2	0.1
12	0.0							0.0	0.0	0.0	0.3	2.5
13	0.0							0.0	0.0	0.0	0.0	78.2
14	0.0							0.0	0.0	0.0	0.1	2.0
15	1.4							0.0	0.0	0.0	0.0	0.0
16	0.0							0.0	0.0	0.0	0.2	0.0
17	39.3							0.0	0.0	12.1	0.0	0.0
18	0.0							0.0	0.0	0.0	0.1	0.5
19	0.0						0.0	0.0	0.0	4.0	20.0	20.0
20	0.0						0.0	0.0	0.0	94.5	21.1	0.7
21	0.0						0.0	0.0	0.0	0.0	1.1	10.5
22	0.0						0.0	0.0	0.0	2.5	0.8	3.1
23	0.2						0.0	0.0	0.0	2.3	0.1	0.1
24	0.0						0.0	0.0	0.0	7.7	0.6	0.5
25	0.0						0.0	0.0	0.0	11.4	11.4	0.0
26	0.0						0.0	0.0	0.0	1.1	51.8	1.4
27	0.0						0.0	0.0	0.0	0.0	56.6	0.1
28	0.0						0.0	0.0	0.0	3.0	29.7	0.6
29	0.0						0.0	0.0	0.0	0.1	0.1	0.3
30	5.4						0.0	0.0	0.0	0.2	0.2	10.4
31	13.5						0.0	0.0		7.0		0.7

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	8.2	77.5	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	6.2	26.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	30.0	85.7	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.4	4.3	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	15.1	0.0	15.2	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	30.6	0.0	47.5	6.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	7.3	3.8	64.8	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	6.4	10.0	5.6	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	3.6	25.2	71.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.3	4.0	81.4	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.9	3.1	75.6	5.5	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	12.7	0.7	10.5	0.0	0.0	0.0	0.0	0.0	0.0	5.0
13	0.0	6.6	7.1	0.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0	4.2
14	0.0	12.5	4.2	0.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.3	4.1	34.1	0.0	15.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0
16	29.8	0.0	40.5	6.0	15.0	0.0	3.5	0.0	0.0	20.0	0.0	29.2
17	19.7	43.9	41.1	0.0	0.2	0.0	14.9	0.0	0.0	0.0	0.0	9.0
18	20.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.8	15.5
20	0.2	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.5	2.0
21	6.5	8.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.2
22	54.1	0.0	7.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
23	1.2	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
24	3.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.6
25	0.0	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.9
26	0.0	0.0	38.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
27	0.0	9.7	0.9	0.1	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0
28	18.1	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.5	0.0	14.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.2
30	3.1		0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.3
31	75.2		0.0		0.0		0.0	0.0		0.0		0.1

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Dara-sula	126.346580	-8.533570	490

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.1	10.2	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	27.7
2	20.7	5.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
3	19.4	0.1	4.8	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	14.3
4	20.7	0.2	12.9	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	15.4
5	11.3	0.0	10.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2
6	10.7	0.0	0.2	9.6	5.9	1.1	0.0	0.0	0.0	0.0	0.0	3.5
7	20.7	0.0	0.1	6.0	9.2	48.2	0.2	0.0	0.0	0.0	0.0	3.8
8	26.0	0.0	0.4	9.0	0.0	10.8	4.0	0.0	0.0	0.0	0.0	0.4
9	1.1	11.2	0.5	22.0	0.0	0.0	35.9	0.0	0.0	0.0	0.0	5.5
10	1.2	5.0	0.7	14.5	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.1
11	19.1	6.0	0.9	18.9	0.0	0.1	0.3	0.0	0.0	0.0	0.4	0.0
12	15.1	0.1	7.1	0.0	0.0	0.1	43.4	0.0	0.0	0.0	0.0	0.0
13	0.5	3.0	6.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.5
14	5.2	4.3	4.3	0.0	17.5	0.0	0.0	0.0	0.0	0.0	0.0	17.0
15	2.1	0.7	27.9	0.0	8.7	0.0	0.0	0.0	0.0	0.5	0.0	3.0
16	3.6	38.0	20.7	0.0	8.5	0.3	0.0	0.0	0.0	0.0	0.0	5.0
17	1.2	45.9	0.7	0.0	0.1	0.1	0.0	0.0	0.0	25.4	0.5	77.9
18	5.4	8.2	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	17.7	13.9
19	3.0	5.5	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	19.2	3.4
20	10.0	6.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.6	14.1
21	0.0	12.2	0.0	0.0	15.3	0.0	0.0	0.0	0.0	0.0	3.7	3.4
22	0.2	10.0	0.0	0.0	23.6	1.2	0.4	0.0	0.0	0.0	3.0	14.1
23	0.1	19.5	0.0	0.0	65.5	5.8	0.1	0.0	0.0	0.0	0.1	3.4
24	0.0	12.1	0.0	0.0	23.6	1.4	0.0	0.0	0.0	0.0	10.0	7.9
25	0.2	11.1	10.0	0.0	33.0	5.3	0.0	0.0	0.0	0.0	68.0	35.1
26	0.1	4.2	15.7	0.0	4.2	3.5	0.0	0.0	0.0	0.0	57.7	34.2
27	17.0	4.9	11.3	0.0	0.1	0.4	0.0	0.0	0.0	0.0	4.3	25.8
28	61.4	5.2	22.6	0.0	4.9	0.0	0.0	0.0	0.0	0.0	2.5	17.1
29	10.5		6.6	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	5.8
30	1.0		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	22.5	4.0
31	1.5		0.0		0.1		0.0	0.0		0.0		6.8

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3.2	15.2	0.0	3.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.5
2	20.1	27.0	0.0	11.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.2
3	7.4	8.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1
4	12.8	2.4	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
5	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
6	0.0	0.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
7	0.0	0.0	52.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
8	0.0	0.0	0.3	15.9	0.9	21.9	0.0	0.0	0.0	0.0	0.0	25.7
9	0.0	0.0	3.0	19.5	1.2	4.0	0.0	0.0	0.0	0.0	0.0	22.0
10	0.0	0.0	0.0	28.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.7
11	0.0	0.0	0.0	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
12	0.5	20.2	0.4	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
13	0.1	10.0	17.7	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
14	0.0	0.0	0.0	10.5	0.0	0.0	5.2	0.0	0.0	0.0	0.0	2.5
15	0.5	0.7	0.1	1.2	0.0	0.0	3.6	0.0	0.0	0.0	0.0	7.4
16	20.0	1.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1
17	0.1	0.8	11.1	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
18	0.4	0.7	25.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	35.2
19	0.1	0.0	8.3	20.1	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.3
20	0.7	30.7	0.3	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
21	0.1	71.6	0.1	25.7	0.0	105.5	0.0	0.0	0.0	0.0	0.0	0.2
22	0.2	5.1	0.0	7.4	0.0	28.4	0.0	0.0	0.0	0.0	0.0	0.1
23	0.0	1.6	20.9	0.1	0.0	13.1	0.0	0.0	0.0	0.0	0.0	2.5
24	0.3	0.5	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0
25	9.4	0.0	25.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	21.9
26	9.5	0.0	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
27	0.1	0.0	4.3	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	31.9
28	0.0	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	10.1	20.1
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.5
30	0.1		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	5.0	6.9
31	0.2		1.7		1.2		0.0	0.0		0.0		10.5

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Gariuai P. Station	126.414410	-8.556620	262

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	24.7	30.9	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0
2	1.5	16.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	27.2	32.0	8.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	1.2	5.8	0.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.1	2.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.5
6	0.3	16.9	0.2	14.3	0.0	0.0	0.0	0.0	0.0	0.0	18.0	37.1
7	1.8	5.3	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8
8	0.5	13.7	0.0	14.4	20.5	0.0	0.0	1.9	0.0	0.0	7.2	45.4
9	3.5	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	15.9	2.2
10	0.0	6.0	0.0	6.3	23.8	0.0	0.0	0.0	0.0	0.0	23.1	1.5
11	0.0	0.8	0.6	1.5	0.2	0.0	0.0	0.0	0.0	0.0	3.2	0.0
12	1.1	5.8	0.0	19.2	0.0	0.0	0.0	0.0	0.0	0.0	11.6	0.0
13	0.0	0.9	0.0	0.3	0.0	0.0	2.5	0.0	0.0	0.0	0.0	30.5
14	5.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.6
15	1.1	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
16	0.9	0.0	2.6	9.1	3.1	0.0	0.0	0.0	0.0	0.0	9.1	5.5
17	37.1	1.9	11.1	9.2	0.0	0.0	0.0	0.0	0.0	13.7	0.0	18.2
18	0.0	0.0	23.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	3.2	35.4
19	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0
20	0.5	0.0	14.9	10.4	0.0	0.0	0.0	0.0	0.0	15.4	2.1	0.0
21	0.0	0.8	0.2	28.6	0.0	0.0	0.0	0.0	0.0	0.8	3.5	27.6
22	0.6	11.3	12.3	1.9	0.0	0.0	0.0	0.0	0.0	5.5	1.7	3.5
23	2.2	0.6	5.5	5.9	0.0	0.0	0.0	0.0	0.0	3.8	0.0	26.8
24	0.0	15.5	4.6	1.0	0.0	0.0	0.0	0.0	0.0	17.8	0.0	0.0
25	23.7	0.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	6.3	0.0
26	0.0	2.8	46.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	22.5	8.5
27	0.0	1.1	17.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	3.7	0.1	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		3.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	13.6
30	0.0		0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0
31	2.5		1.4		0.0		0.0	0.0		17.3		1.8

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3.4	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2	23.9	4.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0			
3	41.1	59.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0			
4	11.4	0.0	2.2	0.0	0.0	1.2	0.0	0.0	0.0			
5	9.0	1.1	0.0	0.0	15.1	0.0	0.0	0.0	0.0			
6	13.1	0.0	15.2	40.5	0.7	0.0	0.0	0.0	0.0			
7	2.6	0.0	9.3	0.0	33.0	0.0	0.0	0.0	0.0			
8	1.1	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0			
9	6.7	3.6	3.8	0.0	20.3	0.0	0.0	0.0	0.0			
10	0.0	38.9	105.3	0.0	1.5	0.0	0.0	0.0	0.0			
11	0.0	0.0	29.3	0.0	40.4	0.0	0.0	0.0	0.0			
12	0.0	0.0	59.4	0.0	18.1	0.0	0.0	0.0	0.0			
13	0.0	0.0	3.4	3.9	1.2	0.0	0.0	0.0	0.0			
14	0.0	13.7	5.1	31.5	2.3	0.0	0.0	0.0	0.0			
15	21.3	5.5	10.5	34.0	48.7	0.0	0.0	0.0	0.0			
16	2.2	29.9	22.4	0.0	1.6	0.0	12.5	0.0	0.0			
17	4.4	104.4	7.8	0.0	0.0	0.0	40.5	0.0	0.0			
18	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
19	26.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
20	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
21	0.0	33.5	1.5	16.8	0.0	0.0	0.0	0.0	0.0			
22	106.0e	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0			
23	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
24	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
25	0.0	3.3	0.0	5.1	0.0	0.0	0.0	0.0	0.0			
26	0.0	7.1	12.6	1.5	0.0	0.0	0.0	0.0	0.0			
27	0.0	8.6	0.4	9.5	0.0	0.0	4.1	0.0	0.0			
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
29	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
30	2.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0			
31	8.6		15.6		0.0		0.0	0.0				

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Gariuai P. Station	126.414410	-8.556620	262

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
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29												
30												
31												

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
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Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Quilicai	126.559444	-8.602778	635

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	35.7	41.5	4.8	6.3	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0
2	8.2	42.4	23.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0
3	2.9	0.0	2.8	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.5	1.5
4	0.0	55.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
5	0.0	0.0	0.0	19.3	0.0	0.0	0.0	0.0	0.0	3.5	0.0	47.5
6	0.0	16.7	1.7	9.9	0.0	0.0	0.0	1.3	0.0	0.0	12.4	8.7
7	0.0	2.7	4.6	19.3	15.9	0.0	0.0	0.0	0.0	0.0	2.5	0.0
8	3.0	12.1	0.0	35.2	17.3	0.0	0.0	0.2	0.0	0.0	0.4	29.7
9	0.0	2.3	0.0	23.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	5.8
10	0.0	6.8	0.0	32.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8
11	0.0	40.4	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.3
12	0.0	38.9	0.0	27.8	2.3	0.0	0.3	0.0	0.0	0.0	0.0	19.3
13	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
14	7.4	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.8
16	49.7	0.0	0.0	8.9	23.2	0.0	0.0	0.0	0.0	0.0	0.0	5.3
17	32.2	1.2	8.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	35.7	30.2
18	3.5	1.2	30.9	30.3	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0
19	0.0	1.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.5	0.0
20	2.0	0.0	0.0	39.5	3.2	0.0	0.0	0.0	0.0	9.7	28.3	38.8
21	0.0	0.0	0.0	59.6	0.0	0.0	0.0	0.0	0.0	1.5	24.8	5.2
22	0.0	54.2	7.2	35.7	0.0	0.0	0.0	0.0	0.0	0.0	16.6	8.0
23	0.0	1.6	31.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	4.9	4.7
24	0.0	7.5	20.6	1.2	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0
25	20.1	0.0	21.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	8.4
26	0.0	0.0	48.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0
27	6.1	0.0	14.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	6.6	2.7
28	0.0	1.7	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	1.3
29	0.0		2.9	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
30	58.9		4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	12.6
31	32.3		2.6		0.0		0.0	0.0		0.0		10.3

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.2	26.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	2.2	0.0	0.0	0.0	11.7	0.0	0.0	0.0	0.0	0.0	0.0
3	9.2	75.8	2.4	0.4	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	4.6	0.0	0.0	5.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
5	9.3	0.2	4.6	10.3	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	8.2	1.5	16.2	0.3	10.4	0.0	0.0	0.0	0.0	0.0	0.0	5.7
7	0.3	7.2	9.5	0.0	42.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	2.4	50.9	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	15.8
9	9.3	30.2	40.0	0.0	19.9	0.0	0.0	0.0	0.0	0.0	0.0	20.7
10	0.0	47.9	6.8	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	13.8	0.0	0.0	2.7	15.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
12	0.0	0.0	89.3	7.7	8.4	0.0	0.0	0.0	0.0	0.0	0.0	37.6
13	0.0	0.0	7.0	20.3	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	17.0	28.8	1.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	20.9
15	31.5	5.2	48.1	6.8	64.8	0.0	0.0	0.0	0.0	0.0	0.0	7.5
16	0.0	0.0	10.4	23.5	5.6	0.0	16.9	0.0	0.0	0.0	0.0	25.3
17	22.9	2.3	0.0	0.0	0.0	0.0	33.2	0.0	0.0	0.0	0.0	7.8
18	0.2	4.5	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.0
19	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	23.2
21	0.3	33.9	0.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0
22	59.0	11.3	6.8	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	2.8
23	0.0	0.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	4.5	0.0	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.6
25	0.2	44.6	0.4	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
26	0.0	20.3	28.9	43.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.6
27	0.0	34.8	0.0	4.5	0.0	0.0	11.3	0.0	0.0	0.0	0.0	4.2
28	0.0	10.6	0.0	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.3
29	4.9	26.3	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
30	1.2		1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
31	0.2		12.1		0.0		0.0	0.0		0.0		6.9

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Quilicai	126.559444	-8.602778	635

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	3.8	0.3	0.0	0.0	0.0	0.0	3.7
2	60.1	5.2	22.5	2.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0	17.5
3	22.7	15.5	33.9	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	2.6
4	6.1	0.0	0.0	19.3	23.5	0.0	0.0	0.0	0.2	0.0	0.0	38.5
5	12.1	0.0	0.0	21.5	22.9	0.6	0.0	0.0	0.0	0.0	0.0	50.8
6	35.9	0.0	3.5	64.3	2.7	35.6	0.0	0.0	0.0	0.0	0.0	69.9
7	0.4	0.0	0.0	13.1	0.0	157.5	15.0	0.0	0.0	0.0	0.0	9.8
8	13.7	0.0	0.0	33.3	0.0	1.6	73.0	0.0	0.0	0.0	0.0	0.0
9	10.3	58.2	32.4	27.5	0.3	1.3	78.4	0.0	0.0	0.0	0.0	0.0
10	9.8	0.0	10.6	51.5	0.0	0.4	9.3	0.0	0.0	0.0	3.5	21.2
11	0.0	0.7	17.5	2.8	0.0	1.6	7.0	0.0	0.0	0.0	0.0	2.3
12	0.0	0.0	3.9	0.0	0.0	0.0	93.0	0.0	0.0	0.0	0.0	25.2
13	76.5	34.7	0.8	0.0	0.0	0.0	4.3	0.0	0.0	0.0	3.4	0.0
14	0.0	0.0	57.6	0.0	0.0	0.0	0.0	0.0	0.0	21.3	7.2	0.0
15	0.0	13.3	3.2	0.0	0.0	0.0	1.4	0.0	0.0	0.8	4.3	32.8
16	0.0	63.2	12.5	0.0	52.4	0.0	0.0	0.0	0.0	16.7	0.0	0.7
17	18.7	56.4	0.0	1.9	10.7	0.0	0.0	0.0	0.0	0.2	0.0	2.4
18	0.0	31.3	0.0	0.0	10.6	0.0	0.0	0.0	0.0	0.0	15.7	10.5
19	7.4	10.6	0.0	0.0	33.1	0.0	0.0	0.0	0.0	0.0	5.5	45.9
20	21.3	42.3	0.0	4.9	0.0	14.1	0.0	0.0	0.0	0.0	2.5	20.4
21	9.9	22.7	0.0	0.0	25.9	0.0	0.0	0.0	0.0	0.0	0.4	1.3
22	0.0	18.4	0.0	0.0	39.8	40.6	10.4	0.0	0.0	0.0	6.8	2.5
23	0.0	14.8	0.0	0.0	37.3	0.8	0.0	0.0	0.0	0.0	7.3	10.3
24	36.4	1.4	0.0	0.7	4.8	17.5	0.0	0.0	0.0	0.0	0.0	0.0
25	3.4	4.7	12.3	0.0	110.9	7.1	0.0	0.0	0.0	0.0	15.2	3.8
26	0.0	0.0	17.8	0.0	0.5	0.4	0.0	0.0	0.0	0.0	10.8	19.8
27	0.0	4.3	1.3	0.0	0.9	0.4	0.0	0.0	0.0	0.0	3.4	21.8
28	0.2	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	1.6	0.0
29	4.8		0.0	0.0	19.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	25.3		60.7		1.5		0.0	0.0		0.0		2.4

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	18.5	12.2	0.0	0.4	14.8	0.0	0.0	0.0	0.0	0.0	0.0	39.3
2	19.6	37.1	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	20.5
3	8.3	0.0	9.5	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.5	12.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.2
5	0.0	0.0	7.3	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
7	0.0	0.3	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.6
8	0.0	0.0	6.3	0.0	8.7	8.5	0.0	0.0	0.0	0.0	0.0	28.2
9	0.0	0.0	27.0	38.3	1.4	0.9	0.0	0.0	0.0	0.0	0.0	22.0
10	1.5	0.0	42.7	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4
11	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.4	13.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
13	10.0	7.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
14	4.9	0.3	48.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
15	0.0	2.7	28.4	18.9	0.8	0.0	1.5	0.0	0.0	0.0	0.0	15.7
16	0.0	0.0	25.3	23.5	1.5	0.0	2.3	0.0	0.0	0.0	23.5	0.0
17	0.0	0.0	34.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
18	0.0	15.9	0.0	0.0	15.1	4.3	0.0	0.0	0.0	0.0	0.0	11.3
19	0.0	0.0	12.9	0.0	33.7	2.5	0.0	0.0	0.0	0.0	7.3	0.0
20	1.2	0.0	0.0	66.3	5.2	22.0	0.0	0.0	0.0	0.0	0.0	0.0
21	1.8	1.4	0.0	0.6	0.0	76.9	0.0	0.0	0.0	0.0	2.5	0.5
22	1.5	14.3	0.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	20.6	14.8
23	0.0	1.2	0.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	35.6
24	2.7	10.3	0.3	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	90.8
25	19.3	11.5	58.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
26	36.1	22.7	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	24.2
27	0.7	0.0	1.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	20.2
28	0.5	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	6.3
29	0.0		9.0	7.8	0.0	0.9	0.0	0.0	0.0	0.0	28.5	57.7
30	0.0		12.3	0.8	4.3	0.0	0.0	0.0	0.0	0.0	3.1	0.5
31	2.3		0.0		5.4		0.0	0.0		0.0		0.4

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Baguia	126.653300	-8.590500	461

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.5	5.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	10.3	50.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	11.2	50.6	30.3	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	10.5	5.6	0.0	0.0	0.0	0.0	0.0	4.0	0.0	23.4	0.0	0.0
5	10.0	0.0	0.0	71.8	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
6	0.0	11.4	0.0	49.8	0.0	0.0	4.6	0.0	0.0	0.0	9.3	3.2
7	0.9	0.0	0.0	0.0	9.3	0.0	5.8	7.2	0.0	0.0	0.0	0.0
8	0.0	2.9	0.0	12.1	10.2	0.0	0.0	13.8	0.0	0.0	0.0	0.0
9	0.0	2.2	18.9	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
10	0.0	0.0	0.0	0.0	5.5	0.0	7.5	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	31.5	31.6	10.2	0.0	0.0	5.2	0.0	0.0	25.0
12	0.0	0.0	0.0	7.5	62.4	20.5	28.3	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	11.3	0.0	6.7	0.0	7.0	0.0	0.0	0.0
14	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0
15	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	10.1	0.0	17.9	5.4	79.7	0.0	0.0	0.0	0.0	0.0	10.2	0.0
17	12.6	0.0	0.0	0.0	14.0	0.0	11.2	0.0	0.0	0.0	3.0	31.8
18	5.3	0.0	0.0	47.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	5.1	60.5	15.5	0.7	6.0	0.0	0.0	1.9	0.0	0.0	8.7	7.1
20	0.0	13.7	0.2	12.2	10.5	0.0	0.0	0.0	0.0	1.9	12.7	10.1
21	0.0	7.6	0.0	96.3	0.0	0.0	0.0	0.0	0.0	14.2	60.3	11.0
22	0.0	7.5	0.0	85.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	70.5
23	8.3	10.5	44.2	36.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	9.3	13.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	19.5
25	10.1	11.0	14.7	21.1	0.0	8.4	0.0	0.0	0.0	0.0	31.7	0.0
26	2.0	0.0	25.4	4.7	0.0	20.5	0.0	0.0	0.0	9.9	12.8	0.0
27	0.0	0.0	52.5	14.5	7.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	50.3	0.0	10.0	0.0	0.0	0.0	0.0	2.4
30	0.0		5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		6.1		0.0		0.0	0.0		17.0		0.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	75.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	33.5	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	6.7	0.0	0.0	11.1	21.2	0.0	0.0	0.0	0.0	0.0	0.0
4	21.2	0.0	0.0	0.0	43.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	31.3	17.5	43.4	3.4	89.2	0.0	9.5	0.0	0.0	0.0	0.0	4.6
7	6.8	16.5	0.0	10.6	31.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	22.3	34.0	0.0	51.4	0.0	1.5	0.0	0.0	0.0	0.0	0.0
9	0.0	7.3	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
10	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	42.1
11	0.0	0.0	10.1	15.7	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	21.3	0.0	45.7	13.7	65.5	0.0	0.0	0.0	0.0	0.0	0.0	34.1
13	0.0	0.0	14.3	42.3	34.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	37.1	0.0	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	11.0	31.1	19.7	153.1	0.0	0.0	0.0	0.0	0.0	0.0	32.2
16	0.0	0.0	21.4	0.0	0.0	0.0	70.9	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	35.2	0.0	0.0	0.0	0.0	0.0
18	0.0	20.8	0.0	0.0	0.0	6.5	8.5	0.0	0.0	0.0	0.0	30.4
19	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	48.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
21	85.5	0.0	0.0	0.0	50.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	5.7	0.0	0.0	4.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	77.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	8.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	1.6	0.0	10.7	0.0	0.0	32.4	0.0	0.0	0.0	0.0	52.5
28	0.0	21.7	0.0	32.8	33.9	0.0	0.0	0.0	0.0	0.0	0.0	6.5
29	31.0	21.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Baguia	126.653300	-8.590500	461

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.1	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	11.1	0.0	0.0	0.0	41.0	0.0	0.0	0.0	0.0	0.0	5.9
3	61.3	0.0	90.8	0.0	2.3	13.9	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	17.3	0.0	0.0	0.0	0.0	0.0	52.5
5	33.2	0.0	0.0	0.0	0.0	26.4	3.8	0.0	0.0	0.0	0.0	0.0
6	31.3	0.0	6.9	95.2	75.4	30.1	0.0	7.0	0.0	0.0	0.0	75.9
7	0.0	0.0	4.4	84.1	20.7	291.0	16.3	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	26.0	0.0	0.0	103.8	0.0	0.0	0.0	9.4	0.0
9	0.0	0.0	0.0	0.0	12.3	0.0	195.2	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	66.5	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	5.6
11	31.1	8.0	3.9	0.0	0.0	20.6	25.3	0.0	0.0	0.0	0.0	0.0
12	23.1	0.0	30.4	0.0	0.0	0.0	252.4	0.0	0.0	0.0	0.0	2.1
13	0.0	10.8	53.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.5	0.0	47.4	0.0	42.7	0.0	0.0	0.0	0.0	44.5	0.0	0.0
15	2.3	0.0	16.8	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0
16	9.3	84.3	0.0	0.0	64.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.2
19	0.0	6.4	0.0	106.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	35.0	67.1	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	35.2	31.9	0.0	0.0	0.0	0.0	7.2
23	0.0	0.0	0.0	0.0	151.5	55.3	0.0	0.0	0.0	0.0	35.7	0.0
24	22.0	0.0	0.0	0.0	110.6	0.0	0.0	0.0	0.0	0.0	24.4	0.0
25	0.0	0.0	57.1	0.0	50.8	156.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	51.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.4	49.7
27	0.0	1.7	33.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	1.6	0.0	0.0	35.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	20.3		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	8.7		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	7.0		0.0		4.4		0.0	0.0		0.0		0.0

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	22.4	0.0	0.0	0.0	0.0	0.0	0.0	50.9
2	0.0	106.7	0.0	0.0	0.0	31.2	11.7	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	14.6	14.2	0.0	0.0	0.0	18.4
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	34.8	0.0	22.3	75.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	2.3	77.8	0.0	0.8	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	42.3	0.0	7.3	0.0	0.0	0.0	23.5
9	0.0	0.0	0.0	12.9	53.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
10	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	48.4	0.0	8.5	0.0	0.0	0.0	0.0	0.0
13	37.4	14.8	89.5	10.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	31.9
15	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
16	2.4	0.0	0.0	0.0	0.0	54.4	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	20.8	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	7.6	0.0	54.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	12.4	0.0	0.0	60.1	0.0	65.5	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	78.5	0.0	0.0	0.0	0.0	0.0	0.0
22	36.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	23.5
23	0.0	22.4	0.0	0.0	96.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	101.1	0.0	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	36.1
28	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	45.2
29	0.0		0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		48.6		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Kairui	126.144020	-8.607260	

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1									0.0	0.0	0.0	0.0
2									0.0	0.0	0.0	4.0
3									0.0	0.0	0.0	2.5
4									0.0	0.0	0.0	0.0
5									0.0	3.6	0.0	0.0
6									0.0	1.3	10.1	0.9
7									0.0	1.7	10.3	1.5
8									0.0	0.0	3.2	7.2
9									0.0	2.6	9.3	0.0
10									0.0	0.0	4.5	0.0
11									0.0	0.0	13.5	0.0
12									0.0	0.0	0.0	0.0
13									0.0	0.0	0.0	109.9
14									0.0	0.0	2.2	0.0
15									0.0	0.4	1.9	1.5
16									0.0	1.3	0.0	0.0
17									0.0	0.0	1.0	9.2
18									0.0	0.0	0.0	0.0
19									0.0	0.0	3.5	2.5
20									0.0	60.4	0.0	2.0
21									0.0	11.1	1.2	0.2
22									0.0	20.0	0.0	0.0
23									0.0	10.5	0.0	0.0
24									0.0	20.5	4.5	0.0
25									0.0	9.3	4.5	3.5
26									0.0	4.3	6.5	5.0
27									0.0	2.5	18.5	5.6
28									0.0	0.0	0.0	0.5
29									0.0	0.0	1.7	0.0
30									0.0	6.3	0.0	0.0
31										6.9		10.5

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.5	35.1	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
2	11.5	3.8	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.4	20.3
3	13.5	117.9	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	22.3	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	31.5	0.0	14.2	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	6.5	0.0	64.0	4.0	6.7	0.0	0.0	0.0	0.0	1.8	0.0	0.0
7	2.5	0.0	6.4	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0
8	4.8	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	1.7	17.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.5	0.0
10	4.5	15.2	73.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
11	0.0	3.0	14.8	0.0	25.7	0.0	0.0	0.0	0.0	0.0	0.0	25.0
12	0.0	0.0	44.2	1.2	0.0	0.0	2.3	0.0	0.0	13.5	0.0	20.0
13	0.0	30.0	2.2	8.0	4.1	0.0	0.0	0.0	0.0	0.0	1.9	0.0
14	0.0	5.5	0.0	60.6	10.5	0.0	0.0	0.0	0.0	0.0	1.1	0.5
15	7.5	1.8	27.6	7.2	10.5	0.0	0.0	0.0	0.0	29.4	0.0	9.5
16	0.0	0.0	27.5	0.0	0.0	0.0	6.5	0.0	0.0	9.6	0.0	3.0
17	5.9	20.5	15.5	0.0	0.0	0.0	16.6	0.0	0.0	10.5	0.0	3.5
18	1.4	3.7	0.0	41.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
19	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
20	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	5.2
21	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5
22	4.5	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
24	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
25	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.2	10.5	0.0
26	0.0	0.0	28.0	26.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	7.6
27	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
31	35.1		2.0		0.0		0.0	0.0		0.0		17.5

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Kairui	126.144020	-8.607260	

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3.5	3.0	2.5	7.1	7.2	9.0	0.0	0.0	0.0	0.0	1.5	9.0
2	13.7	0.0	4.0	0.0	5.7	4.5	0.0	0.0	0.0	0.0	3.5	21.0
3	11.5	0.0	5.3	0.0	6.1	6.0	0.0	0.0	0.0	0.0	0.0	5.5
4	22.5	2.9	8.5	0.0	1.5	2.0	0.0	0.0	0.0	0.0	0.0	5.0
5	24.0	0.0	10.4	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
6	5.5	0.0	2.3	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
7	0.0	0.0	10.5	9.0	3.5	40.0	0.0	0.0	0.0	0.0	0.0	6.7
8	16.9	2.0	10.4	8.0	4.0	12.5	22.7	0.0	0.0	0.0	5.0	6.3
9	11.7	1.3	10.5	4.2	0.0	0.0	16.5	0.0	0.0	0.0	0.0	1.4
10	2.5	0.0	6.0	3.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	8.5
11	8.0	0.0	9.0	2.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	6.5
12	5.7	12.0	6.5	0.0	0.0	0.0	66.9	0.0	0.0	0.0	2.5	12.0
13	2.8	18.7	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
14	0.0	13.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	8.5
15	21.0	15.5	0.0	0.0	20.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
16	10.5	25.5	0.0	0.0	12.7	0.0	0.0	0.0	0.0	6.4	0.0	10.5
17	9.1	27.9	0.0	0.0	18.2	0.0	0.0	0.0	0.0	1.3	0.0	23.3
18	0.9	13.3	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5
19	0.0	8.6	0.0	0.0	7.4	7.5	0.0	0.0	0.0	0.0	0.0	12.5
20	2.5	15.9	0.0	0.0	10.5	6.0	0.0	0.0	0.0	0.0	0.7	6.0
21	0.0	18.1	0.0	0.0	10.5	12.2	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	8.0	10.0	0.0	0.0	25.0	11.6	0.0	0.0	0.0	0.0	0.0
23	1.5	0.0	0.0	0.0	8.5	20.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	18.0	0.0	12.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	11.3	54.1	25.5
26	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	9.7	14.9	17.3
27	0.0	0.0	14.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	7.2
28	31.5	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	8.5		15.5	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.8		0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	2.0		0.0		0.0		0.0	0.0		0.0		0.0

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	25.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	17.5
2	0.0	17.0	0.0	8.4	21.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5
3	0.0	8.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
4	0.0	10.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
5	0.0	10.0	14.0	16.4	9.9	0.0	0.0	0.0	0.0	0.0	0.0	4.0
6	0.0	0.0	10.5	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	5.0
7	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0
8	0.0	6.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4
9	0.0	0.5	4.0	29.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
11	0.0	3.8	3.3	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	10.5	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
14	8.0	10.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
15	0.0	9.5	2.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
16	0.0	8.7	4.5	15.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	13.0	0.0	4.4	7.5	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	10.0	17.5	7.1	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	3.0	7.5	40.9	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	7.5
20	7.5	0.0	19.1	9.7	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0
21	9.5	1.3	0.0	6.0	0.0	17.5	0.0	0.0	0.0	0.0	0.0	5.0
22	21.0	2.7	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
23	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0
26	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	2.5
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	14.3		0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
30	0.0		2.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		20.5

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Bobonaro town	125.324444	-9.035833	794

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.5	24.2	9.6	0.1	0.0	0.0	3.9	0.2	0.0	0.0	0.0	0.0
2	1.9	9.7	4.9	1.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0
3	0.1	29.9	1.4	0.0	0.0	0.0	0.0	0.0	1.1	0.1	0.0	1.7
4	24.9	6.0	1.6	0.0	0.1	0.0	0.0	0.0	0.0	14.1	0.0	16.0
5	0.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.5
6	0.0	29.9	0.1	0.7	0.0	0.0	0.4	2.9	0.0	6.7	0.2	0.0
7	10.4	10.8	0.0	4.9	0.0	0.0	0.5	0.0	0.0	13.3	107.6	0.0
8	23.5	1.2	2.1	43.7	7.3	0.0	0.9	0.8	0.0	0.0	0.0	16.5
9	5.1	0.9	0.0	15.3	10.7	0.0	0.0	0.0	0.0	0.1	18.0	28.7
10	0.0	0.0	0.0	14.3	0.0	0.0	0.1	0.0	0.0	0.0	24.2	88.7
11	20.1	0.0	2.7	3.3	17.8	0.0	0.0	0.0	0.0	0.0	7.6	53.7
12	100.7	1.3	3.7	6.9	2.5	5.9	6.1	0.0	0.0	0.0	48.1	0.0
13	57.2	50.6	4.8	0.7	0.4	1.6	0.9	0.0	0.0	0.0	0.0	32.9
14	1.8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	20.7
15	0.6	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
16	1.7	0.0	8.5	13.1	0.7	0.0	0.0	0.1	0.0	0.0	1.6	0.0
17	16.3	7.2	3.6	7.7	0.2	0.0	0.7	0.0	0.0	1.6	14.9	38.1
18	2.4	13.9	0.0	16.0	0.0	0.0	0.0	0.0	0.0	32.4	0.2	69.0
19	1.5	6.6	0.2	16.4	0.0	0.0	0.0	0.0	0.0	16.2	5.5	4.8
20	4.5	13.5	7.9	23.5	1.0	0.0	0.0	0.0	0.0	15.2	0.0	0.0
21	0.0	0.3	3.3	6.7	1.1	0.0	0.0	0.0	0.0	50.0	44.0	3.2
22	0.0	8.6	0.4	42.0	0.0	0.0	0.0	0.0	0.0	8.2	0.2	0.7
23	13.4	8.0	34.1	15.8	0.0	0.0	8.0	0.0	0.0	38.7	0.0	0.0
24	8.9	11.2	27.4	0.4	0.0	0.0	0.5	0.0	0.0	6.5	0.0	0.0
25	31.2	75.5	13.1	4.8	0.0	5.4	0.0	0.0	0.0	91.9	45.4	0.0
26	0.0	68.6	9.7	0.0	0.0	0.5	0.1	0.0	0.0	37.9	11.3	0.0
27	0.0	38.5	18.4	0.0	0.0	0.8	0.0	0.0	0.0	0.4	33.3	0.0
28	1.8	0.0	33.3	0.1	0.2	0.0	0.0	0.0	0.0	24.4	0.0	0.0
29	3.1		3.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	17.0	1.5
30	0.0		16.8	0.0	0.2	0.0	2.2	0.0	0.0	0.0	0.0	4.6
31	4.9		6.9		0.0		0.0	0.0		18.7		62.6

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	25.5	16.9	0.3	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
2	13.1	0.5	2.3	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	25.0
3	2.6	22.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5
4	0.0	12.6	0.0	0.0	1.2	5.1	0.0	0.3	0.0	0.0	0.0	0.0
5	0.0	0.6	7.9	0.0	4.8	0.0	5.7	0.0	0.0	9.3	0.0	0.0
6	0.0	0.0	67.1	7.2	16.0	0.0	0.6	0.0	0.0	11.7	0.0	13.5
7	2.8	0.1	70.9	0.0	6.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
8	3.8	0.0	42.6	0.0	6.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
9	2.0	5.2	22.9	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	38.7	12.5	0.0	0.0	33.1	0.0	0.0	0.0	0.0	0.0	2.6	59.0
11	10.1	0.0	60.3	0.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	25.3
12	0.0	0.0	31.9	7.0	3.1	0.0	4.5	0.0	0.0	6.1	0.0	1.2
13	17.5	0.0	32.8	8.1	4.0	0.0	2.1	0.0	0.0	0.0	0.0	37.1
14	0.0	2.8	46.4	3.6	14.5	0.0	0.0	0.0	0.0	0.0	64.5	0.0
15	0.0	0.0	0.3	1.2	5.2	0.0	0.0	0.0	0.0	1.0	9.3	105.1
16	0.0	0.0	24.6	0.1	1.6	0.0	5.0	0.4	0.0	67.3	0.0	5.2
17	13.5	32.8	1.0	1.2	0.0	0.0	0.7	0.0	0.0	2.6	0.0	0.0
18	0.0	0.0	22.9	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	4.8
19	3.2	26.3	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	58.2	9.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3
21	0.0	14.3	3.6	0.0	0.0	0.4	0.0	0.0	0.0	0.0	10.9	26.3
22	19.9	4.8	0.1	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.1	28.3
23	0.0	2.6	0.6	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	30.3	0.0	0.0	3.1	0.0	0.0	0.0	0.8	0.0	1.5	0.0	0.0
25	0.3	16.7	0.0	52.2	6.1	0.0	0.0	0.0	0.0	5.1	43.3	4.4
26	5.1	6.5	0.4	7.8	73.6	0.0	0.4	0.0	2.2	5.7	0.0	3.0
27	0.0	24.9	0.0	14.3	0.2	0.0	0.0	0.0	0.1	0.0	2.5	11.6
28	0.0	2.0	0.0	7.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.8
29	0.0	0.7	0.0	5.9	0.5	0.0	0.2	0.0	34.7	0.0	0.0	4.3
30	0.1		0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	1.0	7.6
31	1.1		0.0		0.8		0.0	0.0		0.0		1.3

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Bobonaro town	125.324444	-9.035833	794

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.7	4.6	0.0	0.7	0.0	5.6	1.5	0.0	0.0	0.0	0.0	0.1
2	14.7	8.5	11.4	5.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	9.7
3	12.1	25.8	32.9	5.7	10.5	0.4	0.0	0.0	0.0	0.0	0.0	5.5
4	53.2	0.2	7.2	0.0	2.6	0.1	0.0	0.0	4.8	0.0	0.0	17.1
5	66.8	0.0	18.3	5.1	21.9	8.9	0.9	0.0	0.0	0.0	0.0	15.3
6	48.5	0.0	21.0	23.4	4.0	5.7	0.1	0.0	0.0	0.0	0.0	12.5
7	18.6	0.0	22.3	0.0	0.0	33.5	0.0	0.0	0.0	0.0	0.0	8.7
8	38.2	0.0	3.6	5.0	0.0	7.9	26.9	0.0	0.0	0.0	0.0	10.8
9	43.3	0.0	25.1	35.7	0.0	33.3	9.6	0.0	0.0	0.0	0.0	4.9
10	38.1	11.3	5.0	43.2	0.0	0.0	1.2	0.0	0.1	0.0	0.3	27.4
11	3.2	9.9	75.7	20.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	29.3
12	19.7	15.8	19.0	0.0	0.0	0.0	31.5	0.0	0.0	0.0	0.0	6.7
13	20.7	0.0	10.9	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.1	10.7
14	7.4	7.8	2.1	0.0	0.0	0.0	2.8	0.0	0.0	12.0	40.4	0.7
15	18.0	0.0	0.0	0.0	17.6	0.0	0.2	0.0	0.0	11.6	27.5	0.5
16	5.1	22.2	0.0	0.0	19.8	0.0	0.0	0.0	0.0	0.1	0.6	0.2
17	63.3	42.8	1.7	0.0	22.7	0.0	0.0	0.0	0.0	3.0	0.0	2.6
18	8.0	19.3	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0	55.5	17.0
19	60.3	0.5	0.0	3.6	93.6	0.0	0.0	0.0	0.0	0.0	2.4	26.6
20	34.1	20.5	0.0	0.4	5.7	3.0	2.5	0.0	0.0	0.0	1.9	43.4
21	0.8	14.3	0.0	0.0	19.0	1.4	0.0	0.0	0.0	0.0	0.1	0.0
22	1.7	25.5	1.6	0.0	2.2	42.0	2.6	0.0	0.0	0.0	0.0	2.8
23	0.6	0.3	5.9	0.0	0.3	9.2	0.7	0.0	0.0	0.0	0.0	0.0
24	4.1	21.0	0.0	0.0	11.2	35.3	0.0	0.0	0.0	0.0	7.2	3.4
25	0.0	8.4	0.0	0.0	30.5	11.4	0.0	0.1	0.0	0.0	15.4	21.5
26	0.2	4.4	12.6	0.0	0.0	8.2	0.0	0.0	0.0	0.0	19.8	0.7
27	0.0	0.0	11.6	0.0	-	0.2	0.0	0.0	0.0	0.0	8.3	31.0
28	19.1	1.8	10.6	3.9	-	25.0	0.0	0.0	0.0	0.0	2.7	0.0
29	6.7		7.9	0.0	11.8	0.4	2.3	0.0	0.0	0.0	0.0	0.0
30	39.1		2.6	0.0	7.9	17.1	0.0	0.0	0.0	0.0	3.7	0.0
31	42.9		0.0		1.2		0.0	0.0		0.0		7.5

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	18.8	52.5	0.0	3.4	17.9	0.0	0.3	0.0	0.0	0.0	0.0	9.4
2	38.5	57.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.0	6.3
3	5.2	15.7	0.0	1.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	17.2	14.3	12.5	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	4.2
5	107.5	0.0	1.8	6.8	0.0	0.1	0.0	0.0	0.0	0.0	0.0	64.8
6	21.0	0.0	8.4	0.0	7.5	0.1	0.0	0.0	0.0	0.0	0.0	10.8
7	0.0	1.2	9.0	0.0	1.2	3.6	0.0	0.0	0.0	0.0	0.0	51.9
8	0.0	0.0	1.4	36.8	0.0	7.3	0.0	0.0	0.0	0.0	0.0	20.2
9	0.0	7.0	0.0	62.6	3.6	5.9	0.0	0.0	0.0	0.0	0.0	60.6
10	25.5	0.0	0.0	8.9	10.5	0.1	0.0	0.0	0.0	0.0	0.0	0.9
11	0.0	0.0	0.0	5.9	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	2.1	75.4	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	13.2	1.1	75.6	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.0
14	0.0	26.0	0.7	2.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	38.0
15	18.5	25.8	2.1	4.2	0.6	0.0	25.3	0.0	2.5	0.0	0.0	0.0
16	64.3	0.9	2.4	32.6	0.0	21.8	0.2	0.0	0.8	0.0	0.0	89.1
17	17.9	23.9	0.0	70.1	0.7	0.0	0.0	0.0	0.0	0.0	6.0	5.1
18	41.0	41.0	0.0	53.1	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	19.5	13.5	101.3	0.0	0.1	1.5	1.2	0.0	0.0	0.0	3.2	23.7
20	22.6	11.5	0.0	0.2	1.1	0.1	0.0	0.0	0.0	0.0	17.2	0.0
21	11.0	0.0	0.0	9.9	1.8	16.6	0.0	0.0	0.0	0.0	0.0	0.0
22	15.0	0.0	6.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.7
23	15.0	14.7	11.7	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	21.9
24	15.6	0.9	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8
25	14.3	6.8	1.2	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	33.1	11.3	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	11.4
27	2.3	0.0	23.9	0.0	0.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
28	15.1	0.0	0.0	0.0	0.4	6.2	0.0	0.0	0.0	0.0	0.0	15.8
29	7.5		0.0	22.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	9.6
30	37.1		0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	23.6
31	38.1		27.6		24.6		2.3	0.0		0.0		9.6

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Lolotoe	125.266159	-9.178128	850

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										0.0	0.0	21.5
2										0.0	0.0	16.9
3										1.7	0.0	7.1
4										53.3	0.0	3.8
5										21.2	0.0	7.0
6										23.3	0.0	11.8
7									0.0	2.9	0.0	3.9
8									0.0	0.0	0.0	5.8
9									0.0	0.0	0.0	7.6
10									0.0	0.0	0.0	9.1
11									0.2	0.0	0.0	24.7
12									0.0	0.0	0.0	20.2
13									0.0	0.0	0.0	8.7
14									0.0	0.0	0.0	87.7
15									0.9	0.0	0.2	15.6
16									0.0	0.0	0.0	5.0
17									0.0	15.1	24.7	9.9
18									0.3	0.0	42.3	43.3
19									0.0	0.0	0.0	47.8
20									0.1	0.0	0.0	0.0
21									0.0	7.5	52.7	20.2
22									0.0	34.4	7.0	5.7
23									0.0	38.2	0.0	0.0
24									0.0	0.0	0.0	0.0
25									0.0	0.0	8.4	0.0
26									0.0	9.4	6.2	12.2
27									0.0	0.6	0.0	3.9
28									0.0	0.2	0.0	14.0
29									0.0	22.6	0.0	1.8
30									0.0	0.0	0.0	0.0
31										0.0		0.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	2.4	0.0	4.2	12.5	12.7	0.0	0.0	0.0	0.0	0.0
2	37.2	0.0	0.8	0.0	9.1	22.7	5.4	0.0	0.0	0.0	0.0	0.0
3	32.8	0.0	0.7	0.0	0.0	4.9	0.8	0.0	0.0	0.0	0.0	0.0
4	10.4	0.0	36.4	0.0	20.6	19.0	2.6	0.0	0.0	0.0	0.0	0.0
5	5.9	0.0	33.0	0.0	18.7	22.7	0.0	0.0	0.0	0.0	0.0	7.4
6	19.2	0.0	57.3	5.8	0.0	25.5	7.2	0.0	0.0	0.5	0.0	0.0
7	0.1	0.0	36.4	0.0	0.0	13.3	0.0	0.0	0.0	0.3	0.0	0.0
8	0.0	5.2	51.2	0.0	32.2	11.2	0.0	0.0	0.0	1.7	0.0	0.0
9	0.0	49.2	44.1	0.0	24.4	10.6	0.6	0.0	0.0	0.0	0.0	0.0
10	3.3	5.0	27.9	0.0	11.6	0.0	4.1	0.0	0.0	0.0	0.0	0.0
11	20.9	9.9	21.8	1.7	22.8	0.0	3.6	0.0	0.0	0.0	0.0	4.2
12	2.1	3.4	25.7	11.9	35.8	0.0	2.6	0.0	0.0	0.0	0.3	8.2
13	1.4	0.0	8.1	5.5	62.3	0.0	4.3	0.0	0.0	0.0	0.0	9.6
14	0.0	0.0	4.6	11.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	9.3	0.8	9.9	15.6	0.0	1.1	0.0	0.0	0.0	0.0	0.0
16	0.0	9.0	4.2	0.0	10.7	0.0	8.7	0.0	0.0	0.0	0.0	0.0
17	0.0	8.8	1.3	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	8.9
18	0.0	71.5	0.0	0.0	0.0	11.9	7.2	0.0	0.0	0.0	0.0	19.9
19	1.6	48.4	0.0	0.0	0.0	8.8	0.0	0.0	0.0	0.0	0.0	12.6
20	9.2	24.5	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	4.8
21	7.3	8.1	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9
22	6.5	36.2	0.0	6.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5
23	0.0	57.6	0.0	60.9	2.7	0.0	0.0	0.0	0.0	0.0	0.8	0.0
24	0.0	43.4	1.2	0.0	29.7	0.0	0.0	0.0	0.0	0.0	5.3	0.0
25	0.0	40.3	0.7	31.0	92.1	0.0	0.0	0.0	0.0	0.0	10.7	12.0
26	0.0	15.9	0.0	35.3	40.6	0.0	0.0	0.0	0.0	5.2	3.2	19.3
27	0.0	0.0	0.0	12.7	21.2	0.0	0.0	0.0	0.0	0.0	0.0	21.3
28	0.0	0.0	0.0	51.5	17.0	0.0	0.0	0.0	13.3	0.0	0.0	15.2
29	0.0	0.0	0.0	27.6	10.5	-	0.0	0.0	9.4	0.0	0.0	6.6
30	0.0		0.0	0.0	5.6	-	0.0	0.0	7.9	0.0	0.0	15.7
31	0.0		0.0		5.1		0.0	0.0		0.0		0.3

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Lolotoe	125.266159	-9.178128	850

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.6	13.5	0.0	0.0	0.0	7.0	32.4	0.0	0.0	0.0	0.0	5.9
2	6.9	12.0	0.0	9.3	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0
3	10.9	6.7	0.0	18.1	0.0	25.2	0.0	0.0	0.0	0.0	0.0	3.1
4	31.6	0.0	0.0	2.7	0.0	14.3	20.3	0.0	11.0	0.0	0.7	23.0
5	28.0	0.0	0.0	21.8	27.9	12.5	18.2	0.0	3.6	0.0	3.4	10.4
6	22.3	0.0	0.0	6.9	19.0	8.6	8.9	0.0	6.3	0.0	0.0	3.9
7	39.6	0.0	0.0	11.1	4.9	12.8	11.2	0.0	0.0	0.0	7.2	0.0
8	19.2	0.0	0.0	10.9	0.0	27.0	29.8	0.0	0.0	0.0	9.2	0.0
9	9.2	0.0	0.0	23.0	0.0	0.0	37.1	0.0	0.0	0.0	0.8	0.0
10	6.9	0.0	0.0	8.4	5.3	23.0	7.2	0.0	8.9	0.0	11.6	20.5
11	8.4	21.0	0.0	2.3	2.1	2.6	0.0	0.0	0.0	0.0	4.7	36.0
12	4.1	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	22.3	0.0	0.0	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	11.3	0.0	0.0	7.6	0.0	0.0	0.0	0.0	4.8	16.5	0.0
15	0.0	8.6	0.0	0.0	12.0	0.0	0.0	0.0	0.0	13.6	9.4	0.0
16	3.4	13.6	0.0	0.0	21.7	0.0	0.0	0.0	0.0	0.0	0.0	18.4
17	7.2	6.4	0.0	0.0	18.8	11.0	0.0	0.0	0.0	0.0	6.8	16.7
18	14.3	14.0	0.0	6.2	11.8	4.4	0.0	0.0	0.0	0.0	12.2	18.5
19	7.4	17.9	0.0	16.1	0.0	0.0	0.0	0.0	0.0	0.0	23.0	15.5
20	7.4	41.8	0.0	26.0	9.7	3.7	0.0	0.0	0.0	0.0	13.2	11.1
21	0.0	0.0	0.0	0.0	6.3	18.5	0.0	0.0	0.0	0.0	26.6	8.3
22	0.0	0.0	0.0	0.0	2.7	29.4	13.9	0.0	0.0	0.0	47.0	12.0
23	0.8	6.3	0.0	0.0	1.6	19.7	13.6	0.0	0.0	0.0	4.2	6.3
24	3.7	4.2	0.0	0.0	7.2	14.9	0.0	0.0	0.0	0.0	10.5	0.0
25	20.0	0.0	0.0	0.0	5.9	7.4	0.0	0.0	0.0	0.0	4.0	0.0
26	22.1	0.0	3.6	0.0	0.0	0.0	0.0	9.7	0.0	0.0	15.2	0.0
27	7.7	10.2	17.6	8.6	22.1	0.0	0.0	21.1	0.0	0.0	25.3	9.4
28	0.0	0.0	12.4	0.0	17.8	0.0	0.0	0.0	0.0	0.0	9.6	18.0
29	6.0		4.8	0.0	10.9	28.6	2.9	0.0	0.0	0.0	2.4	10.9
30	10.5		0.4	0.0	5.0	17.8	0.0	0.0	0.0	0.0	10.7	19.1
31	11.6		0.0		-		0.0	0.0		0.0		86.8

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	8.2	8.6	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0
2	0.0	4.1	7.2	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0
3	4.1	0.0	12.7	0.0	0.0	19.2	0.0	0.0	0.0	0.0	0.0	4.7
4	10.9	0.0	1.0	0.0	4.2	12.9	0.0	0.0	0.0	0.0	0.0	0.3
5	12.4	7.2	0.0	0.0	2.7	3.0	0.0	4.2	0.0	0.0	0.0	0.0
6	11.0	15.5	0.0	0.0	11.9	12.9	0.0	0.0	0.0	0.0	0.0	8.6
7	9.1	2.6	0.8	0.0	12.6	45.2	0.0	0.6	0.0	0.0	0.0	3.2
8	0.4	0.0	0.0	11.3	19.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0
9	9.5	11.4	0.0	17.0	7.2	11.3	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	45.0	11.5	11.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	7.8
11	0.0	15.5	6.2	0.0	2.4	6.3	0.0	0.0	0.0	0.0	0.0	23.8
12	13.6	0.4	21.9	2.4	8.7	1.7	0.0	0.0	0.0	0.0	0.0	10.3
13	10.6	6.5	40.5	0.0	19.4	0.0	0.0	0.0	0.0	0.1	0.0	14.9
14	10.3	0.0	6.2	0.0	8.1	0.0	11.3	0.0	0.0	0.1	0.0	14.4
15	9.4	0.0	4.4	6.1	3.8	0.0	6.7	0.0	0.0	0.0	0.0	3.1
16	9.8	0.0	0.0	9.3	6.9	0.0	2.4	0.0	0.0	0.0	0.0	7.0
17	6.6	0.0	7.8	0.0	13.3	6.8	0.7	0.0	6.3	0.0	0.0	18.9
18	11.5	0.0	14.3	4.2	24.1	22.6	0.0	0.0	0.0	0.0	0.0	5.9
19	4.4	0.0	58.6	0.0	0.2	13.1	0.0	0.0	0.0	0.0	0.0	4.4
20	6.2	0.0	0.0	6.3	0.0	13.9	0.0	0.0	0.0	0.0	0.0	19.3
21	0.8	0.0	0.0	8.2	8.2	13.8	0.0	0.0	0.0	0.0	0.0	0.4
22	4.7	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0
23	4.1	0.0	0.0	0.0	5.2	5.4	4.2	0.0	0.0	0.0	0.0	4.1
24	4.9	27.0	6.2	0.0	9.2	0.0	3.6	0.0	0.0	0.0	0.0	7.2
25	10.2	7.9	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	7.2
26	10.2	7.8	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	8.4
27	0.0	0.0	0.0	0.0	9.1	12.5	0.0	0.0	0.0	0.0	0.0	0.0
28	9.2	0.0	11.4	0.0	21.6	9.1	0.0	0.0	0.0	0.0	0.0	0.0
29	4.3		6.3	0.0	0.0	3.2	3.0	0.0	0.0	0.0	0.0	0.0
30	8.0		0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	21.0		0.0		0.0		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Baer	125.090280	-9.307220	208

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1											0.0	0.0
2											0.0	0.0
3											0.0	0.0
4											0.0	0.0
5											0.0	4.9
6											0.0	9.7
7											0.0	9.7
8											0.0	3.7
9											0.0	16.9
10											0.0	17.4
11											0.0	19.3
12											0.0	16.1
13											0.0	19.7
14											0.0	18.6
15											0.0	18.7
16											0.0	7.4
17											4.4	17.1
18											0.0	14.1
19											0.0	6.7
20										0.0	0.0	6.2
21										0.0	0.0	15.6
22										0.0	0.0	0.0
23										0.7	0.0	7.4
24										6.9	0.0	13.3
25										0.0	0.0	17.1
26										2.9	0.0	19.7
27										0.0	0.0	0.0
28										0.0	0.0	0.0
29										0.0	0.0	12.3
30										0.0	0.0	13.0
31										0.0		17.1

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	8.9	8.7		0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	7.8	6.2		0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	9.9	8.8		0.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	14.2	0.0		0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	14.0	7.4		0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0
6	17.1	6.3		0.0	0.0	0.0	9.3	0.0	0.0	0.0	0.0	0.0
7	14.7	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	13.2	7.8	15.8	0.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	11.4	7.6	70.7	0.0	31.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	18.0	0.0	2.1	0.0	19.6	0.0	0.0	0.0	0.0	0.0	18.6	0.0
11	19.0	0.0	3.3	0.0	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	13.7	15.6	47.2	0.0	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	12.6	7.7	0.5	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	18.1	8.8	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	15.9	17.9	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0
16	14.9	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.3	0.0
17	12.4	8.8	0.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	32.3	0.0
18	16.5	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	0.0
19	16.5	8.5	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	9.8	6.0	0.0	0.0	0.0	85.8	0.0	0.0	0.0	0.0	0.0	20.4
21	12.0	5.9	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	15.0	0.0	0.0	8.6	12.9	0.0	0.0	0.0	0.0	0.0	0.0	50.4
23	16.5	0.0	0.0	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	15.6	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	16.2	4.5	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	15.8	11.6	0.0	0.0	64.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0
28	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.9	0.0
29	15.8	0.0	0.0	0.0	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	6.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	16.3		0.0		0.0		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Baer	125.090280	-9.307220	208

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	36.2	0.0	0.0	9.4	0.0	9.7	4.2	0.0	0.0	0.0	0.0	0.0
2	24.1	0.0	0.0	3.1	0.0	23.2	9.3	0.0	0.0	0.0	0.0	0.0
3	30.6	14.9	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0
4	50.6	0.0	0.0	7.2	0.0	23.1	0.0	0.0	0.0	0.0	0.0	43.2
5	68.1	0.0	5.1	0.0	20.4	5.4	0.0	0.0	0.0	0.0	0.0	22.9
6	0.0	0.0	0.0	10.5	44.7	0.0	9.9	0.0	0.0	0.0	0.0	4.2
7	0.0	0.0	0.0	15.6	0.0	91.5	29.9	0.0	0.0	0.0	0.0	3.9
8	0.0	0.0	0.0	109.9	12.2	45.6	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	87.0	6.9	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	5.3	0.0	1.2	24.2	0.0	0.0	0.0	0.0	11.4
11	36.4	19.9	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	5.1
12	0.0	0.0	0.0	0.0	0.0	0.0	30.7	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	14.7	24.7
14	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	7.7
15	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	18.5
16	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	3.9	3.9	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	10.7
18	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	6.2
19	18.4	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	18.2
21	0.0	0.0	0.0	0.0	3.9	68.7	0.0	0.0	0.0	0.0	6.3	0.0
22	0.0	15.2	0.0	0.0	0.0	145.3	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	30.9	74.9	0.0	0.0	0.0	0.0	12.8	9.4
24	0.0	0.0	0.0	0.0	145.2	14.1	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	52.1	0.0	0.0	0.0	0.0	0.0	92.4	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0
27	0.0	0.0	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.8
28	0.0	0.0	7.9	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		6.4	0.0	29.1	9.2	0.0	0.0	0.0	0.0	40.5	0.0
31	0.0		3.1		0.0		0.0	0.0		0.0		0.0

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.6	16.5	16.5	0.0	-	0.0	1.8	0.0	0.0	0.0	0.0	0.0
2	0.0	14.6	14.6	0.0	-	0.0	0.0	19.5	0.0	0.0	0.0	0.0
3	10.5	0.0	0.0	0.0	-	0.1	0.0	0.0	0.0	0.0	0.0	0.6
4	0.0	3.5	3.5	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	18.0
5	0.0	0.0	0.0	0.0	-	0.5	0.0	0.0	0.0	0.0	0.0	0.0
6	42.5	0.0	0.0	0.0	-	0.2	0.0	0.0	0.0	0.0	0.0	0.5
7	65.2	0.0	0.0	0.0	-	13.0	0.0	0.0	0.0	0.0	0.0	0.3
8	0.0	0.0	0.0	19.2	-	17.0	0.0	0.0	0.0	0.0	0.0	10.5
9	0.0	0.0	0.0	21.4	-	31.0	0.0	0.0	0.0	0.0	0.0	0.6
10	0.0	0.0	0.0	3.2	-	0.0	0.0	0.0	0.0	0.0	0.0	10.5
11	0.0	0.0	0.0	75.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	28.6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.3
13	2.2	38.5	14.7	18.3	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	7.7	7.7	7.7	7.7	-	0.0	0.0	0.0	0.0	0.0	0.0	13.2
15	16.5	18.5	16.5	16.5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.4
16	96.1	0.0	0.0	0.0	-	47.0	0.0	0.0	0.0	0.0	0.0	0.4
17	28.2	0.0	0.0	11.2	-	0.0	0.0	0.0	0.0	0.0	0.0	18.4
18	9.4	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	8.6	8.6	0.0	-	0.6	0.0	0.0	0.0	0.0	0.0	0.6
20	0.0	4.5	4.5	0.0	-	0.3	0.0	0.0	0.0	0.0	0.0	0.0
21	5.5	0.0	0.0	3.5	-	49.0	0.0	0.0	0.0	0.0	0.0	0.0
22	1.7	0.0	0.0	3.7	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	10.1	10.1	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	9.2	9.2	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.5
25	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	12.0
27	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.9
28	0.0	0.0	0.0	0.0	-	4.0	0.0	0.0	0.0	0.0	0.0	0.7
29	0.0		0.0	0.0	-	0.2	0.0	0.0	0.0	0.0	0.0	0.1
30	8.4		0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	11.0
31	20.9		0.0		-		0.0	0.0		0.0		17.1

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Maucatar	125.268200	-9.241100	

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
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Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Maucatar	125.268200	-9.241100	

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Zumalai	125.458900	-9.105800	284

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
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Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Zumalai	125.458900	-9.105800	284

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
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Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
EDTL	125.571944	-8.558333	15

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	96.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
2	0.0	96.6	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	25.3	10.8	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	1.0	0.0	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	4.4	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.4	75.8	0.0	33.4	0.0	0.0	0.0	0.0	0.0	0.0	47.6	22.3
7	0.9	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.5	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	9.7	5.9
9	0.0	3.5	0.0	31.7	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	8.4	0.0	68.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0
11	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	14.3
12	0.0	0.0	0.0	1.2	0.0	1.8	0.0	0.0	0.0	0.0	0.3	0.0
13	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.4
15	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.2	0.0	4.2	15.5	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0
17	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	2.0	0.0	9.4	24.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0
19	0.6	0.0	3.6	0.0	0.0	0.0	8.8	0.0	0.0	8.4	12.6	50.4
20	0.0	0.0	6.4	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4
21	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	43.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
23	0.1	11.3	40.8	0.0	0.0	0.0	0.0	0.0	0.0	19.2	0.7	0.0
24	0.0	4.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	30.8	0.4	9.8
25	17.2	5.8	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0
26	0.0	5.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	28.6	0.0	1.5	40.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	9.4		0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0	0.0	7.7
30	2.3		4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	61.2	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	23.8	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	20.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	1.2	0.0	17.4	0.0	19.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
6	20.2	0.0	3.9	0.0	10.9	0.0	0.0	0.0	0.0	37.7	0.0	0.0
7	0.0	0.0	8.8	0.0	0.6	0.0	0.0	0.0	0.0	11.2	0.0	0.0
8	1.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	1.4	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	1.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	7.5	17.0	0.0	110.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	30.6	3.2	21.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4
13	0.0	5.1	8.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
14	0.0	0.0	7.2	2.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	4.6	3.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	12.1	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	1.1
17	21.1	4.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
19	15.4	17.1	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
20	4.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.3	0.0
21	29.0	26.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.5	7.0
22	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
23	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
30	17.1		0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7
31	2.9		5.0		0.0		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
EDTL	125.571944	-8.558333	15

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	16.3	1.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.2
3	42.5	4.9	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	4.2
4	42.0	0.0	27.2	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	55.7	0.0	15.2	0.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	3.7
6	24.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
7	0.0	0.0	3.1	2.1	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	1.6	0.0	2.8	0.3	0.0	0.0	0.0	0.0	8.9
9	0.0	17.0	0.0	22.2	0.0	1.0	2.3	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	3.5
11	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	2.5	0.0	0.0	11.4	0.0	47.4	0.0	0.0	0.0	0.0	7.3
13	0.0	2.5	0.0	0.0	3.9	0.0	8.1	0.0	0.0	0.0	0.0	0.0
14	0.0	1.5	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0
15	0.0	30.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4
16	0.0	76.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	9.8
17	10.9	0.0	3.7	0.0	19.0	0.0	0.0	0.0	0.0	2.4	7.0	10.5
18	0.0	0.0	0.0	0.0	27.1	0.0	0.0	0.0	0.0	0.0	0.0	25.7
19	0.0	60.0	0.0	3.9	6.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0
20	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	4.9	0.0	0.0	0.0	23.4	0.0	0.0	0.0	0.0	53.6	0.0
22	0.0	10.2	0.0	0.0	0.0	30.7	5.0	0.0	0.0	0.0	3.1	3.1
23	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	2.1
25	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	3.7	0.6
26	0.0	15.1	82.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	5.4
27	0.0	6.7	9.0	8.5	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	2.3	0.0	0.0	0.0	3.4	0.0	0.0	0.9	0.0	0.0	0.0
29	20.5		0.0	0.0	19.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0
30	14.0		0.0	4.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5
2	20.7	40.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9
4	7.0	0.0	48.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
5	0.0	0.0	46.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.3
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3
10	0.8	0.0	18.9	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	4.6
12	2.2	0.0	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	47.3	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	3.6
14	0.6	25.4	8.3	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	4.5
15	4.2	19.8	0.0	98.7	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	1.3	0.1	50.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	15.8	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	1.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.2	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	3.2
21	22.1	0.0	0.0	36.7	0.0		0.0	0.0	0.0	0.0	0.0	0.0
22	2.2	30.7	0.0	28.9	0.0		0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	23.4	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	41.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
27	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6
28	1.4	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	3.3		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	29.5	0.0
31	2.1		0.0		0.0		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Atauro	125.601068	-8.263050	10

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										0.0	0.0	0.0
2										0.0	0.0	0.0
3										0.0	0.0	0.0
4										0.0	0.0	15.9
5										0.0	0.0	0.0
6										0.0	0.0	3.5
7										0.0	0.0	0.0
8										0.0	0.0	0.0
9										0.0	3.4	0.0
10										0.0	1.4	0.0
11										0.0	0.0	5.3
12										0.0	0.0	0.0
13										0.0	3.1	2.4
14										0.0	0.0	7.4
15										0.0	0.0	0.0
16										0.0	0.1	0.0
17									0.0	0.0	0.0	0.0
18									0.0	0.0	0.0	4.5
19									0.0	0.0	26.0	0.0
20									0.0	0.0	7.2	40.0
21									0.0	0.0	1.5	1.0
22									0.0	0.0	0.0	0.0
23									0.0	0.0	6.6	13.1
24									0.0	0.0	0.0	0.0
25									0.0	0.0	4.0	0.0
26									0.0	0.0	0.0	0.0
27									0.0	0.0	0.0	0.0
28									0.0	0.0	0.0	0.0
29									0.0	0.0	1.2	0.0
30									0.0	0.0	28.5	4.7
31										0.0		0.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	23.1	0.0	3.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	69.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	5.3	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	2.2	1.1	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0
5	3.7	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	19.4	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	1.9	11.5	2.9	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	1.4	1.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	2.6	84.5	28.9	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	7.7	1.2	10.3	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	2.0	0.0	9.9	0.0	64.5	0.0	0.0	0.0	0.0	0.0	0.0	10.5
12	0.0	0.0	27.0	0.0	84.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	13.1	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	23.7	1.4	17.9	0.0	0.0	0.0	0.0	0.0	0.0	6.0
16	0.0	0.0	81.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	43.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	36.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	14.6	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2
20	28.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.5	0.0
21	13.8	4.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8	0.0
22	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
23	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	56.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.5
25	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	1.5	0.0	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	4.0		0.0		0.0		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Atauro	125.601068	-8.263050	10

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.2	0.0	0.0	0.0	18.4	0.0	0.0	0.0	0.0	0.0	0.0
2	11.7	57.5	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	8.6	0.0	34.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	22.9	0.0	8.0	8.5	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
6	17.3	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0
7	19.9	0.0	2.0	0.0	0.0	28.1	0.0	0.0	0.0	0.0	0.0	0.0
8	8.7	5.8	1.5	19.9	0.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0
9	11.4	0.0	0.0	4.5	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0
10	15.4	23.3	24.2	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	4.7	0.0	1.3	0.0	0.0	0.0	47.0	0.0	0.0	0.0	0.0	0.0
13	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	8.2
14	27.3	0.0	10.5	21.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	12.6	37.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.3	4.2
16	1.4	26.3	0.0	0.0	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	26.4	3.8	0.0	0.0	12.7	0.0	0.0	0.0	0.0	6.7	0.0	0.0
18	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	7.0
19	8.4	6.2	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0	34.4	0.0
20	2.3	1.8	0.0	0.0	38.4	7.7	0.0	0.0	0.0	0.0	1.8	50.1
21	3.3	29.1	0.0	0.0	1.5	30.9	0.0	0.0	0.0	0.0	0.0	2.9
22	0.0	14.9	0.0	0.0	5.7	43.9	0.0	0.0	0.0	0.0	52.6	0.0
23	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
24	0.0	3.5	3.4	0.0	0.0	37.6	0.0	0.0	0.0	0.0	13.0	10.8
25	0.0	0.0	0.0	0.0	2.5	113.8	0.0	0.0	0.0	0.0	0.0	18.6
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
27	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	21.2
28	0.0	10.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	36.9
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	5.8		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	2.6		0.0		0.0		0.0	0.0		0.0		0.0

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	49.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
2	0.0	38.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
3	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	11.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	67.9	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2
12	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	1.7
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.9
14	0.0	0.0	0.0	0.0	0.0	0.0	90.1	0.0	0.0	0.0	0.0	12.2
15	70.6	10.5	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0
16	5.0	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	25.7	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	6.3	59.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	13.4	6.1	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
21	4.0	0.0	0.0	0.0	0.0	72.4	0.0	0.0	0.0	0.0	0.0	0.0
22	7.8	0.0	0.0	5.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	8.8
23	4.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
28	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	16.5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Railako	125.433380	-8.660070	

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2		5.5	0.0	20.8	0.0	0.0	0.0	0.0	0.0	4.3	4.3	0.0
3		14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
4		1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5		0.6	30.6	0.0	10.8	0.0	0.0	0.0	0.0	6.8	0.0	0.0
6		0.0	51.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9
7		0.0	42.7	0.0	1.1	0.0	0.0	0.0	0.0	3.8	0.0	0.0
8		10.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	8.8	0.0	0.0
9		30.7	25.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.5
10		9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
11		4.4	6.8	0.0	13.4	0.0	1.9	0.0	0.0	0.0	0.0	90.4
12		0.0	23.7	0.0	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13		0.0	10.6	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.3
14		0.8	19.6	3.4	10.9	0.0	0.0	0.0	0.0	4.2	0.0	20.9
15		0.0	4.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.4	25.4
16		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
17		9.7	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
18		0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0
19		4.1	25.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	0.5
20		0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
21		2.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	7.6
22		0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8
23		5.7	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	19.6
24		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.1
25		0.0	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
26		0.0	7.5	28.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0
27		20.5	1.1	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28		1.9	0.0	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3
29		1.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0
30			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1
31			20.2		0.0		0.0	0.0		0.0		9.4

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Railako	125.433380	-8.660070	

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.4	3.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7
2	10.9	0.0	0.0	30.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
3	10.4	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	41.2	1.2	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
5	29.8	0.0	14.3	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
6	10.5	0.0	0.2	30.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	6.5
7	13.2	0.0	4.7	4.9	0.0	11.5	0.0	0.0	0.0	0.0	0.0	14.2
8	11.1	0.0	0.0	10.9	0.0	6.4	7.0	0.0	0.0	0.0	0.0	6.6
9	16.1	20.2	0.0	20.5	0.0	0.0	3.8	0.0	0.0	0.0	0.0	10.7
10	7.0	10.2	3.6	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	6.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	28.6	3.1	4.3	0.0	3.5	0.0	20.7	0.0	0.0	0.0	6.7	121.8
13	17.6	1.4	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
14	6.0	15.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0
15	2.2	50.4	10.5	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	10.8
16	11.3	30.3	30.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	38.0	0.0
17	16.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0	41.1
18	8.8	10.2	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	6.9	2.8
19	19.8	3.1	0.0	0.0	10.8	0.0	0.0	0.0	0.0	0.0	4.6	0.0
20	6.1	21.1	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	2.8	60.6
21	5.2	14.4	0.0	0.0	10.2	10.5	0.0	0.0	0.0	0.0	1.3	10.9
22	0.0	13.3	10.9	0.0	1.5	20.7	4.5	0.0	0.0	0.0	0.0	0.0
23	0.0	1.5	0.0	0.0	0.0	5.2	0.4	0.0	0.0	0.0	0.0	0.0
24	0.0	2.9	0.0	0.0	3.8	21.2	0.0	0.0	0.0	0.0	4.1	5.2
25	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	4.2	10.2
26	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	4.4
27	0.0	16.4	4.6	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.5
28	0.0	0.9	0.0	10.5	6.4	0.0	0.0	0.0	0.0	0.0	1.2	0.0
29	17.3		10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	2.5		0.0	0.0	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	15.6		0.0		0.0		0.0	0.0		0.0		0.0

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	20.7	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
2	0.0	12.7	0.0	0.0	30.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	10.5	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.9
4	20.5	4.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
6	0.0	0.0	0.0	10.8	8.9	0.0	0.0	0.0	0.0	0.0	5.2	30.2
7	30.9	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	1.9	20.9
8	2.7	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
9	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	10.4	19.4	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	4.1	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0	8.8
13	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	5.4
14	20.9	10.4	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
15	32.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	1.5	0.0	0.0	0.3
16	20.9	5.1	15.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	9.0	6.8	32.1	20.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	4.6	14.5	5.9	30.7	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	8.1	12.4	10.8	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	3.7	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	10.6	0.0	0.0	5.4	0.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0
22	7.5	7.2	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	10.9	1.3
23	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9
24	10.8	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
26	3.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	6.7
27	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.5
28	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.9	39.2
29	0.0		0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.1	10.5
31	6.1		0.0		0.0		0.7	0.0		0.0		41.2

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Fatubessi	125.315300	-8.755700	1,045

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	35.4	40.2	60.7	1.0	0.0	5.2	0.0	0.0	0.0	9.6	36.1	42.2
2	46.8	34.3	30.2	30.2	0.0	0.0	0.0	0.0	0.0	21.4	11.3	31.1
3	19.1	16.7	21.7	1.1	0.0	0.0	0.0	0.0	0.0	5.4	0.3	8.5
4	85.2	9.4	47.7	0.0	0.0	0.0	2.0	0.0	0.0	5.7	22.6	12.5
5	14.7	25.3	20.6	20.9	0.0	0.0	0.0	0.0	0.0	22.1	19.0	49.9
6	33.3	23.1	24.1	9.2	0.0	0.0	0.0	0.0	0.0	17.0	43.7	15.4
7	58.9	45.9	26.3	0.2	0.0	0.0	0.0	0.0	0.0	7.2	14.8	17.7
8	41.8	31.7	27.6	0.0	0.1	0.0	0.0	0.0	0.0	13.7	40.6	42.0
9	47.3	61.0	32.5	12.3	0.0	9.3	0.0	0.0	0.0	28.0	34.1	29.6
10	53.4	20.7	80.6	19.4	0.0	12.9	0.0	0.0	5.2	2.0	12.3	53.8
11	15.4	35.0	5.0	5.6	0.0	25.3	0.0	0.0	11.7	39.1	47.9	15.7
12	18.6	21.4	2.0	0.0	0.0	0.0	0.0	0.0	13.7	9.2	19.1	25.4
13	43.2	44.5	13.2	21.2	0.0	4.0	0.0	0.0	0.0	27.9	8.2	26.4
14	91.0	57.7	6.2	17.7	0.0	2.0	0.0	0.0	5.7	21.8	2.0	21.3
15	13.4	35.3	1.0	13.9	0.0	0.0	0.0	0.0	0.0	11.3	24.8	1.0
16	9.0	36.4	20.9	1.0	6.0	30.0	0.0	0.0	0.0	12.3	30.1	25.6
17	35.0	34.8	43.8	9.1	2.0	2.1	0.0	0.0	2.1	17.5	7.3	50.4
18	37.5	11.1	15.2	0.3	0.0	0.0	0.0	0.0	3.1	11.3	16.9	21.1
19	40.7	15.0	12.1	8.9	7.2	7.3	0.0	0.0	0.0	86.6	20.3	31.8
20	29.5	28.7	16.0	5.2	0.0	0.0	0.0	0.0	0.0	30.8	23.2	25.6
21	32.3	28.7	21.5	0.1	6.3	1.5	0.0	0.0	22.9	25.9	16.7	26.0
22	13.8	32.6	19.4	9.1	9.1	0.0	0.0	0.0	0.0	24.9	25.4	40.7
23	14.8	29.5	25.4	3.0	0.0	0.0	0.0	0.0	8.2	23.7	6.2	21.9
24	25.7	31.4	40.6	15.6	2.0	0.0	0.0	0.0	0.0	7.5	22.7	13.6
25	24.2	29.2	17.1	0.0	10.3	0.0	0.0	0.0	0.0	5.3	38.8	17.3
26	50.1	31.8	20.0	9.3	9.0	0.0	0.0	0.0	10.9	28.3	28.4	18.4
27	9.3	28.1	19.5	9.3	0.0	0.0	0.0	0.0	2.6	0.5	9.2	18.4
28	72.5	62.2	11.9	1.5	5.0	0.0	0.0	0.0	0.0	13.5	26.9	12.7
29	48.2		15.2	0.0	1.0	0.0	0.0	0.0	5.9	9.3	7.6	40.6
30	117.0		25.7	24.9	0.0	0.0	0.0	0.0	0.0	17.4	25.1	26.7
31	30.2		8.1		0.0		0.0	0.0		0.0		29.5

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	40.9	15.2	27.5	10.3	21.3	0.0	0.0	0.0	0.0	5.4	12.5	52.2
2	47.0	22.0	7.9	30.3	3.5	0.0	0.0	0.0	1.3	0.0	9.2	25.2
3	34.8	27.3	10.9	13.4	21.9	0.0	0.0	0.0	0.0	0.0	6.0	13.8
4	22.9	38.8	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	28.0
5	32.8	22.7	20.5	0.9	5.6	0.0	1.0	0.0	0.0	0.0	24.8	17.3
6	37.7	14.2	0.1	24.3	4.4	0.0	0.0	0.0	0.0	0.0	22.9	11.0
7	32.6	25.5	3.2	25.9	0.0	0.0	5.5	0.0	0.0	21.3	35.7	33.9
8	16.8	18.2	32.7	21.3	9.2	0.0	0.0	0.0	0.0	41.6	13.1	11.3
9	35.5	34.4	28.8	12.6	11.5	0.0	0.0	0.0	0.0	14.3	9.1	8.5
10	49.3	22.3	0.3	35.0	0.0	0.0	0.5	0.0	0.0	22.8	25.9	0.3
11	34.2	24.5	29.0	20.0	0.0	0.0	0.0	0.0	5.1	31.7	28.1	31.9
12	28.1	15.2	39.2	46.9	2.1	0.0	5.7	0.0	9.2	12.1	9.7	12.7
13	13.0	11.6	14.9	18.1	1.5	0.0	0.0	0.0	3.6	21.6	21.3	34.8
14	22.2	26.1	35.7	18.9	0.0	0.0	6.4	0.0	0.0	9.3	6.7	17.0
15	41.2	51.7	16.1	8.2	0.0	0.0	0.0	0.0	0.0	0.0	15.1	66.5
16	42.7	36.3	13.5	33.5	12.3	0.0	0.0	0.0	0.0	2.2	25.1	19.5
17	51.0	19.3	31.8	2.5	0.0	0.0	0.0	0.0	0.0	0.6	53.6	21.6
18	25.0	12.2	27.1	6.2	8.9	0.0	0.0	0.0	0.0	7.5	49.4	15.3
19	28.0	33.1	12.6	33.7	6.7	2.1	0.0	0.0	0.0	0.6	53.7	32.9
20	36.3	33.0	0.1	13.3	0.0	0.3	9.2	0.0	0.0	9.4	12.3	21.2
21	41.0	34.8	37.1	1.0	7.1	1.5	0.0	0.0	0.0	0.0	11.2	58.0
22	24.8	25.5	47.2	35.0	2.3	0.0	0.0	0.0	0.0	0.0	18.9	26.9
23	57.0	9.3	28.7	24.3	9.1	0.0	0.0	0.0	0.0	0.0	1.3	23.7
24	63.2	31.5	9.2	15.0	2.9	0.0	0.0	0.0	6.3	20.6	14.2	21.3
25	41.0	45.4	40.1	14.4	0.0	0.0	0.0	0.0	0.0	7.9	9.3	31.2
26	58.0	30.4	9.9	6.2	2.1	0.0	0.0	0.0	0.0	0.0	12.6	32.0
27	28.4	37.6	0.0	37.1	8.7	0.0	0.0	0.0	7.5	25.0	16.6	18.7
28	54.6	18.9	48.5	11.7	6.9	0.0	0.0	0.0	2.0	9.1	0.2	32.4
29	19.9	112.1	14.3	25.5	0.2	0.0	0.0	0.0	4.9	6.3	0.9	34.0
30	28.0		25.1	5.9	13.3	0.0	0.0	0.0	10.0	0.0	0.0	42.0
31	26.2		20.2		0.0		0.6	0.0		0.0		

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Fatubessi	125.315300	-8.755700	1,045

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	47.1	33.6	29.5	22.0	15.2	20.6	24.1	0.0	0.0	17.4	24.2	
2	74.4	20.8	29.7	22.1	0.1	18.5	21.8	2.0	0.0	8.2	23.0	
3	111.8	46.0	35.3	35.0	27.3	36.5	16.3	0.0	0.3	3.1	26.6	
4	76.0	42.8	68.4	42.3	7.0	22.4	23.0	9.3	3.6	0.0	15.3	
5	28.6	24.5	84.3	44.1	44.5	50.2	38.0	1.9	2.9	0.0	10.3	
6	23.0	41.8	31.5	47.7	65.2	9.8	21.4	0.0	0.0	5.1	19.1	
7	150.8	26.2	41.7	18.2	57.5	10.1	9.6	0.0	0.0	9.5	8.8	
8	11.3	36.6	13.2	9.0	37.1	28.2	4.7	0.0	0.0	14.5	17.9	
9	34.4	21.5	13.2	48.9	18.7	24.3	19.1	0.0	0.0	16.5	26.2	
10	58.1	32.9	114.2	32.9	45.9	51.3	29.9	0.0	5.2	4.1	13.2	
11	41.1	57.2	36.1	19.0	37.9	26.2	13.5	0.0	0.3	0.0	19.1	
12	30.8	49.3	40.8	26.3	43.8	28.9	7.1	0.0	0.0	8.2	18.4	
13	29.0	33.1	30.6	16.2	3.1	35.9	0.0	0.0	0.0	0.6	0.0	
14	107.7	17.5	30.3	83.2	16.0	22.9	4.5	0.0	0.0	0.0	4.0	
15	40.5	20.4	40.6	29.3	29.6	14.2	12.8	9.3	0.0	0.0	28.6	
16	62.2	38.7	43.4	16.3	17.2	22.1	32.5	4.3	5.1	6.1	22.7	
17	83.1	34.4	41.2	22.8	0.0	10.0	27.5	0.0	9.6	16.0	20.2	
18	11.4	20.2	75.8	2.9	26.9	36.8	33.4	3.1	3.1	0.0	16.9	
19	30.0	40.6	13.1	23.5	16.1	48.0	6.1	0.0	0.7	2.0	28.6	
20	40.4	34.7	10.1	13.1	0.0	54.3	0.0	7.5	6.9	0.7	5.9	
21	43.2	0.6	27.2	31.3	90.4	25.2	0.0	5.7	12.2	0.0	26.4	
22	63.9	87.0	14.9	23.2	13.1	54.7	14.6	1.2	9.5	1.0	25.1	
23	46.2	38.2	15.6	3.0	23.4	16.2	29.5	4.6	3.4	0.0	17.7	
24	7.5	52.0	49.4	75.0	17.8	16.7	29.8	8.1	0.0	7.5	12.8	
25	31.0	39.0	67.8	52.7	35.1	26.5	23.0	1.1	0.0	0.0	3.2	
26	34.1	26.3	54.7	25.7	18.7	13.9	53.0	3.7	0.0	10.3	12.8	
27	12.8	11.1	24.3	48.1	25.3	8.3	14.0	6.3	0.0	9.1	13.1	
28	57.3	38.6	73.5	9.5	0.0	0.6	7.9	3.1	0.0	19.3	25.2	
29	46.3		45.5	25.3	15.9	48.0	13.3	0.9	0.0	22.4	19.2	
30	10.8		26.3	36.3	5.0	30.7	12.9	2.9	9.6	11.6	19.1	
31	41.6		-		8.2		9.8	0.1		153.0		

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.5	19.9	7.1	7.4	4.4	12.5	0.0	1.4	9.5	0.0	0.0	28.3
2	53.3	18.6	6.2	16.4	0.3	6.1	1.2	0.0	10.1	4.3	0.1	1.5
3	24.7	15.5	15.8	1.2	0.0	0.2	2.0	0.2	0.0	0.0	0.3	7.6
4	28.4	47.2	18.4	7.0	10.1	15.0	0.2	2.3	0.0	0.0	5.1	6.7
5	26.7	20.5	13.4	5.9	0.0	14.3	5.1	0.2	2.5	0.0	8.2	10.8
6	27.2	32.9	18.4	2.6	9.2	16.3	5.4	0.0	0.6	0.2	11.5	12.3
7	32.0	27.7	19.3	26.7	0.2	8.1	0.0	0.1	0.0	0.0	2.6	17.2
8	47.1	10.4	7.5	22.6	0.0	16.9	0.1	0.0	2.1	0.6	7.1	11.3
9	18.4	13.0	9.1	11.9	10.6	21.6	0.2	0.0	0.2	1.2	7.6	28.7
10	10.2	0.0	56.7	7.4	1.0	11.3	0.5	0.0	0.0	0.0	4.6	21.6
11	9.7	13.5	20.7	4.3	2.0	6.2	0.0	0.0	11.3	0.0	7.9	11.4
12	47.2	11.0	18.1	0.9	0.0	13.7	0.0	2.6	0.5	0.0	6.7	11.4
13	15.5	18.6	17.3	14.1	3.8	0.1	6.1	0.0	0.0	5.2	0.9	4.5
14	30.4	15.9	7.1	16.2	0.0	0.9	0.0	2.3	0.0	2.3	8.2	30.6
15	11.2	10.6	2.9	17.8	0.0	12.3	0.3	0.0	0.2	0.3	11.7	15.1
16	37.8	21.9	7.1	21.2	2.4	8.5	1.6	0.0	0.0	4.1	10.8	18.2
17	21.5	17.5	20.1	18.8	6.2	25.9	4.1	0.0	0.2	9.5	9.7	26.6
18	17.4	13.6	37.8	8.4	0.0	7.2	2.2	0.0	0.0	0.0	13.4	23.8
19	20.5	35.8	18.6	0.6	1.2	6.9	1.0	0.0	0.0	0.0	20.1	11.1
20	9.3	24.4	13.7	0.6	0.0	12.9	0.2	0.0	0.0	5.3	15.3	24.9
21	30.4	18.2	0.9	0.0	3.0	2.2	0.0	0.0	2.5	0.6	12.1	21.4
22	28.3	98.9	20.5	26.1	7.5	12.9	0.2	0.0	7.1	0.0	21.3	18.1
23	47.6	1.6	9.1	12.4	6.4	3.2	0.0	0.0	0.0	2.5	15.7	30.6
24	18.8	4.1	0.0	16.0	9.1	0.9	0.0	0.0	9.5	0.0	11.3	1.4
25	35.2	1.1	9.5	10.5	3.7	0.0	0.4	0.0	7.7	0.0	20.7	12.6
26	49.2	6.6	9.1	3.3	0.0	17.6	0.0	0.0	0.6	5.6	11.3	13.7
27	47.5	9.4	0.0	0.0	0.5	19.1	0.0	0.0	6.2	5.9	14.0	24.7
28	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	19.2	27.2
29	6.2		7.2	0.0	12.2	0.0	0.0	0.0	0.0	6.8	13.3	11.6
30	18.7		6.5	0.0	0.9	6.9	0.0	0.0	2.9	4.3	19.4	4.4
31	28.2		12.3		1.2		0.0	0.0		8.9		13.9

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Lete Foho	125.425000	-8.833611	1,045

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	26.3	9.7	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	5.5	2.2	2.0	44.3	44.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	1.5	3.5	17.3	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	9.3
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	23.4
5	15.0	0.0	0.0	4.4	4.4	0.0	0.0	0.0	0.0	7.0	18.0	0.0
6	5.7	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	23.7
7	10.7	15.0	13.6	65.4	65.4	0.0	0.0	0.0	0.0	0.0	7.0	21.3
8	13.3	10.5	0.0	50.3	30.3	0.0	0.0	0.0	0.0	0.0	3.3	15.0
9	19.0	0.0	1.2	23.0	23.0	0.0	0.0	0.0	0.0	0.0	9.0	16.5
10	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	10.5
11	32.6	15.5	0.0	33.3	33.3	0.0	0.0	0.0	0.0	0.0	0.0	28.0
12	20.5	15.1	0.0	2.5	25.0	0.0	9.3	0.0	0.0	0.0	0.0	4.3
13	50.3	0.0	3.3	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
14	1.2	0.0	5.4	5.0	5.0	0.0	0.0	0.0	0.0	16.1	0.0	35.9
15	7.5	0.0	0.0	5.5	5.5	0.0	0.0	0.0	0.0	7.7	0.0	11.9
16	20.7	0.0	0.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	24.3	0.0
17	31.7	15.0	39.1	8.3	8.3	0.0	0.0	0.0	0.0	0.0	3.5	40.1
18	15.6	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	5.9
19	18.4	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0
20	0.0	0.0	7.3	9.2	9.2	0.0	0.0	0.0	0.0	0.0	16.4	1.6
21	0.0	3.6	8.6	0.0	0.0	0.0	0.0	0.0	0.0	25.2	1.4	0.0
22	0.0	0.0	0.0	18.1	18.1	0.0	0.0	0.0	0.0	20.2	0.0	0.0
23	2.7	20.0	13.4	10.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
24	20.0	40.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
25	33.8	52.0	10.6	0.0	0.0	0.0	0.0	0.0	0.0	10.6	8.7	0.0
26	1.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	8.0
27	0.0	22.0	22.5	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	3.4		2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	7.8
30	26.2		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
31	0.0		0.0		0.0		0.0	0.0		15.0		0.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.3	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3
2	5.0	10.5	0.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	16.6	70.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	12.8	32.2	0.1	0.0	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	17.0	0.0	20.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0
6	9.1	0.0	62.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2
7	0.0	13.3	56.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	5.9	0.0	33.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	15.0	36.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4
10	3.7	0.0	15.8	0.0	14.7	0.0	0.0	0.0	0.0	0.0	0.0	14.2
11	6.3	0.0	22.2	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0
12	0.0	0.0	54.7	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	25.5
13	0.0	5.9	12.7	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	20.0
14	0.0	0.0	45.3	0.0	7.6	0.0	0.0	0.0	0.0	0.0	22.7	15.9
15	0.0	0.0	20.8	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	30.1
16	0.0	0.0	0.0	0.0	13.2	0.0	17.1	0.0	0.0	30.6	0.0	17.8
17	1.9	0.0	56.3	30.9	0.0	0.0	0.0	0.0	0.0	36.7	0.0	36.2
18	11.4	11.8	3.2	10.9	0.0	0.0	0.0	0.0	23.8	0.0	0.0	10.9
19	0.0	0.0	31.8	20.0	0.0	0.0	0.0	0.0	0.0	0.0	36.6	19.1
20	0.0	40.8	65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6	29.7
21	1.3	7.8	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.5	40.5
22	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.8
23	8.6	0.0	0.0	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2
24	60.3	12.7	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	25.2	7.9
25	0.0	8.2	0.0	16.6	0.0	0.0	0.0	0.0	0.0	79.2	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	17.5	0.0	39.0
27	0.0	46.3	0.0	18.6	0.0	0.0	0.0	0.0	21.1	0.0	0.0	17.0
28	0.0	48.2	0.0	88.2	0.0	0.0	0.0	0.0	7.0	0.0	0.0	25.3
29	1.1	0.0	5.0	0.0	0.0	0.0	0.0	0.0	33.2	0.0	2.5	21.1
30	0.0		48.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.9
31												

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Lete Foho	125.425000	-8.833611	1,045

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	9.5	10.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1
2	18.5	29.3		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
3	40.5	61.7		18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.8
4	30.0	0.0		0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	69.9
5	25.0	0.0		19.3	14.3	8.0	0.0	0.0	0.0	0.0	0.0	8.1
6	9.5	0.0		4.6	0.0	0.0	0.0	0.0	0.0	7.2	0.0	64.0
7	19.0	0.0		10.0	0.0	2.1	18.1	0.0	0.0	0.0	0.0	0.0
8	40.0	5.4		22.0	0.0	8.9	0.0	0.0	0.0	0.0	0.0	5.2
9	25.0	8.5		39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	35.0	3.0		19.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0
11	47.0	12.9		20.0	0.0	0.0	0.0	0.0	0.0	0.0	32.7	19.3
12	14.0	33.1		0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	6.0
13	45.0	39.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.4	21.9
14	70.0	30.5		0.0	0.0	0.0	12.4	0.0	0.0	11.2	13.3	5.3
15	37.0	50.4		0.0	22.7	4.4	0.0	0.0	0.0	39.1	21.1	15.5
16	29.0	85.0		0.0	12.5	0.0	6.9	0.0	0.0	0.0	7.0	0.0
17	9.5	0.0		0.0	27.8	0.0	0.0	0.0	0.0	0.0	6.6	7.3
18	3.2	15.7		0.0	3.0	11.5	0.0	0.0	0.0	0.0	40.2	6.0
19	0.0	19.3		0.0	39.2	0.0	7.6	0.0	0.0	0.0	10.7	26.0
20	0.0	33.2		0.0	0.0	0.0	3.0	0.0	0.0	22.0	0.0	42.2
21	4.5	18.3		0.0	24.3	0.0	0.0	0.0	0.0	0.0	0.0	7.9
22	9.3	20.0		0.0	7.8	0.0	4.3	0.0	0.0	0.0	0.0	10.0
23	11.9	12.5		0.0	20.2	0.0	0.0	0.0	0.0	0.0	18.5	6.6
24	0.0	14.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2
25	0.0	7.8		0.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	5.6
26	8.8	2.2		0.0	26.4	16.1	0.0	0.0	0.0	0.0	0.0	3.0
27	2.0	0.0		10.0	6.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0
28	12.2	0.0		0.0	30.9	2.3	0.0	0.0	18.5	0.0	0.0	0.0
29	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	18.9			0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	3.6
31	49.5		0.0		11.1		0.0	0.0		0.0		6.8

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.8	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5
2	27.2	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	14.6	38.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	41.9	11.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
5	5.5	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.9
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8
7	0.0	1.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
8	12.2	0.0	0.0	11.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	25.0
9	0.0	0.0	17.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1
10	0.0	0.0	0.0	15.9	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0
11	21.1	0.0	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
12	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	28.7	0.0	18.4	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0
14	27.5	36.8	0.0	31.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	25.3	11.7	0.0	45.6	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0
16	11.0	10.8	5.5	10.2	0.0	0.0	0.0	0.0	0.0	0.0	27.3	22.1
17	40.2	29.1	20.6	18.2	19.4	0.0	0.0	0.0	0.0	0.0	0.0	8.0
18	21.0	19.9	10.2	0.0	35.6	0.0	0.0	0.0	0.0	0.0	0.0	20.0
19	79.4	33.1	0.0	19.3	0.0	0.0	0.0	0.0	0.0	0.0	54.6	25.4
20	28.7	5.2	0.0	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	41.0	11.1	0.0	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0
22	29.0	13.7	0.0	28.3	0.0	0.0	0.0	0.0	0.0	0.0	32.1	50.2
23	20.0	9.1	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6
24	29.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.8
25	46.9	10.0	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.7
26	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5
27	35.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	61.0
28	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0
29	12.8		0.0	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
30	49.1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5	0.0
31	30.7		0.0		0.0		0.0	0.0		0.0		28.4

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Luro city	126.848500	-8.561600	533

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.5	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	1.1	21.7	2.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	1.2	4.7	0.0	0.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	12.2	0.0	0.0	0.0	0.0	0.0	3.2	0.0	37.4	0.0	55.5
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	10.1	23.3
6	0.0	25.1	0.0	10.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	3.3
7	0.0	0.0	0.0	7.4	6.6	0.0	0.0	22.5	0.0	0.0	8.6	0.0
8	0.0	7.2	0.0	23.3	0.0	0.0	0.0	2.3	0.0	0.0	0.0	23.0
9	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5
10	0.0	5.5	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	1.6	22.7	0.0	41.2	17.8	0.0	3.9	0.0	0.0	0.0	0.0	0.7
12	8.5	2.3	0.0	0.0	17.1	0.0	3.6	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	40.5
14	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	10.0
15	96.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
16	2.6	0.0	3.2	5.9	27.1	0.0	0.3	0.0	0.0	0.0	7.8	0.5
17	9.2	0.6	10.5	0.0	19.9	0.0	6.5	0.0	0.0	0.0	0.0	1.4
18	4.2	0.0	12.1	134.1	1.3	0.0	0.0	0.0	0.0	0.0	5.9	82.4
19	0.0	11.1	5.6	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	6.1	10.1	12.4	0.0	0.0	0.0	0.0	12.7	19.8	9.3
21	0.0	0.0	0.0	143.8	0.0	0.0	0.0	0.0	0.0	9.1	14.9	20.4
22	0.0	23.6	79.4	76.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6
23	0.0	0.7	36.4	23.2	0.0	0.0	0.0	0.0	0.0	7.3	4.5	0.5
24	0.0	12.6	67.4	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	2.0	1.8	0.0	0.9	0.0	16.4	0.0	0.0	0.0	0.0	9.3	3.4
26	1.0	26.1	35.8	12.8	0.0	0.0	0.0	5.3	0.0	0.0	7.3	0.0
27	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	30.7	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
29	0.0		42.1	0.0	10.9	0.0	6.8	0.0	0.0	0.0	0.0	13.0
30	50.8		4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		1.0		0.0		0.0	0.0		0.0		23.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3.4	30.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	34.3	32.7	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	10.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	30.3	0.0	0.0	0.0	32.2	19.1	0.0	0.0	0.0	0.0	0.0	0.0
5	8.5	0.0	20.5	0.0	40.7	6.7	6.2	0.0	0.0	0.0	0.0	3.1
6	0.0	15.2	0.0	0.0	8.4	0.0	1.1	0.0	0.0	0.0	0.0	17.9
7	1.5	1.3	70.3	0.0	84.3	0.0	0.0	0.0	0.0	0.0	0.0	2.3
8	0.0	45.8	52.0	3.7	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	27.0
10	0.0	5.3	34.3	0.0	36.2	0.0	0.0	0.0	0.0	0.0	0.0	74.1
11	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	23.5	19.1	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	9.7	13.0	36.9	0.0	0.0	0.0	0.0	0.0	0.0	31.8
14	0.0	64.9	0.0	6.3	23.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0
15	0.0	6.2	4.3	2.4	88.9	0.0	0.0	0.0	0.0	1.8	0.0	3.4
16	14.3	0.0	73.4	0.0	6.3	0.0	1.8	0.0	0.0	0.6	0.0	4.3
17	1.8	53.0	0.0	0.0	0.0	0.0	58.5	0.0	0.0	0.0	0.0	6.9
18	36.5	75.0	0.0	0.0	0.0	1.2	2.0	0.0	0.0	0.0	0.0	3.6
19	30.0	2.1	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	27.5
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	2.2	5.8	0.0	0.0	0.0	0.0	0.0	5.1	0.0
22	17.1	32.7	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	15.8
23	11.8	0.0	0.0	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.4
25	0.3	2.3	0.0	14.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	35.8	6.8	0.0	0.0	0.0	0.0	23.1	0.0	0.0
27	0.0	17.3	0.0	9.9	0.8	0.0	17.4	0.0	0.0	0.0	0.0	2.5
28	0.0	24.5	0.0	19.8	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
29	0.0	10.6	69.7	3.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
30	0.0		0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	15.0	2.6
31	54.7		0.0		0.0		0.0	0.0		0.0		23.1

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Luro city	126.848500	-8.561600	533

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.4	0.0	0.0	0.0	0.0	9.9	7.3	0.0	0.0	0.0	0.0	27.8
2	79.4	0.2	16.5	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	1.5
3	69.6	4.1	31.7	0.0	4.8	7.7	0.0	0.0	1.8	0.0	0.0	23.0
4	1.9	0.0	2.0	0.0	36.9	2.2	0.0	0.0	0.0	0.0	0.0	1.8
5	0.0	0.0	0.0	36.1	7.5	0.0	3.6	0.0	0.0	0.0	0.6	2.8
6	25.0	0.0	2.5	40.6	6.3	8.7	0.6	0.0	0.0	0.0	0.0	3.3
7	0.0	0.0	0.0	7.8	0.0	200.7	4.5	0.0	1.1	0.0	0.0	24.1
8	4.2	0.0	4.1	40.6	0.0	6.2	53.3	0.0	0.0	0.0	0.0	0.0
9	18.4	19.4	29.5	1.6	0.0	4.4	68.1	0.0	0.0	0.0	0.0	0.0
10	0.8	3.0	12.6	1.3	2.7	13.9	19.2	0.0	0.0	0.0	0.0	35.8
11	9.5	0.0	22.4	0.0	0.0	4.4	131.3	0.0	0.0	0.0	0.0	0.0
12	2.7	4.2	66.4	0.0	6.0	5.7	0.7	0.0	0.0	0.0	0.0	11.3
13	32.3	12.5	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	3.0	13.1	49.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	4.0	43.1	27.3	0.0	0.0	0.0	17.1	0.0	0.0	52.0	0.0	16.3
16	23.8	58.0	2.0	0.0	30.9	0.0	0.0	0.0	0.0	10.4	0.0	7.4
17	4.6	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	5.4	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	42.6	3.1
19	19.2	2.7	0.0	5.5	36.2	0.0	0.0	0.0	0.0	0.0	8.7	6.2
20	15.0	2.6	0.0	40.2	0.0	16.5	0.0	0.0	0.0	0.0	0.5	75.4
21	1.7	3.6	0.0	0.0	7.6	180.6	0.0	0.0	0.0	0.0	18.1	4.5
22	0.0	0.3	0.0	0.0	32.2	83.4	48.7	0.0	0.0	0.0	4.2	12.0
23	12.5	0.0	0.0	0.0	19.4	31.1	0.0	0.0	0.0	0.0	0.0	68.2
24	4.6	3.1	0.0	0.0	4.4	26.1	0.0	0.0	0.0	0.0	0.0	12.4
25	0.3	0.0	0.0	0.0	159.0	85.1	0.0	0.0	0.0	0.0	6.3	0.9
26	7.1	0.0	50.4	0.0	18.9	20.6	0.0	0.0	0.0	0.0	0.0	2.8
27	0.0	0.0	7.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3
28	3.7	0.3	14.4	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	22.9
29	43.4		0.0	6.8	26.3	0.0	0.0	0.0	0.0	0.0	2.4	0.0
30	0.0		2.3	0.0	3.0	0.0	0.0	0.0	0.0	0.0	21.1	4.2
31	0.0		19.0		1.8		0.0	0.0		0.0		28.9

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	14.2	2.4	0.0	9.2	7.6	0.0	4.3	0.0	0.0	0.0	0.0
2	12.4	14.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
3	25.3	0.0	25.9	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	5.0	0.0	5.8	0.0	0.0	0.0	9.7
5	0.0	5.3	6.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	2.9
6	0.0	0.0	9.3	0.0	6.3	18.9	0.5	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	20.0	3.1	1.1	18.3	0.0	0.0	0.0	0.0	0.0	14.2
8	6.2	0.0	5.5	0.0	5.8	35.9	0.0	0.0	0.0	0.0	0.0	11.1
9	0.0	0.0	21.9	14.3	3.3	8.8	0.0	0.0	0.0	0.0	0.0	41.9
10	0.0	0.0	12.6	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	4.2
11	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1
12	45.8	6.0	33.3	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	35.6
13	0.0	19.7	0.0	13.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	7.4	0.0	64.5	0.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	4.1
15	0.0	0.0	4.3	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	1.1	35.0	2.5	7.7	0.0	0.0	0.0	0.0	2.4	0.0
17	9.5	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	3.0	44.7	3.7	0.0	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	1.2	0.0	22.0	1.5	56.8	2.5	3.4	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	1.8	80.8	4.7	60.5	0.0	0.0	0.0	0.0	0.0	0.0
21	2.1	28.6	0.0	11.8	0.0	111.1	0.0	0.0	0.0	0.0	12.4	0.0
22	32.3	30.1	0.0	0.0	0.7	3.3	0.0	0.0	0.0	0.0	26.9	0.0
23	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3
24	29.3	0.6	0.0	0.0	16.5	0.6	0.0	0.0	0.0	0.0	0.0	48.7
25	0.0	73.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
26	0.0	1.0	60.8	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	44.2
27	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.6
28	0.0	0.0	0.0	0.0	7.5	3.9	2.9	0.0	0.0	0.0	0.0	3.4
29	0.0		0.0	17.0	0.0	0.0	3.5	0.0	0.0	0.0	26.3	2.1
30	10.2		0.0	0.0	18.6	0.0	0.0	0.0	0.0	0.0	3.6	0.0
31	13.2		0.0		12.7		0.0	0.0		0.0		2.3

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Iliomar	126.828000	-8.709900	301

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	26.6	6.6	12.5	0.0	0.0	0.0	1.3	0.0	0.0	0.6	0.0
2	5.3	20.7	51.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	3.6	13.6	0.0	27.6	0.0	0.0	0.0	0.0	6.4	0.0	0.0
4	36.9	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.5	0.0
5	7.7	20.4	20.4	24.7	0.0	0.0	0.4	4.2	0.0	0.0	0.0	31.4
6	8.8	17.3	7.6	0.8	22.9	0.0	14.3	7.5	1.5	0.0	0.0	2.8
7	5.2	0.4	29.0	17.8	0.0	0.0	0.5	3.9	0.0	0.0	0.0	0.0
8	7.5	8.6	16.8	19.3	0.0	0.0	3.0	6.4	0.4	0.0	0.0	38.3
9	0.8	6.4	0.0	28.6	0.0	0.0	7.2	0.0	0.0	0.0	0.0	6.9
10	0.0	25.2	0.0	12.7	134.2	0.2	2.8	0.0	2.1	0.0	0.0	0.0
11	0.0	7.3	0.0	8.5	154.2	7.3	25.9	0.0	0.0	0.0	0.0	4.7
12	0.0	0.0	0.0	24.1	12.6	4.8	14.7	0.0	2.4	0.0	0.0	7.8
13	0.0	0.0	0.0	0.0	0.6	0.0	5.2	0.0	0.0	0.0	0.0	3.4
14	0.0	0.0	6.2	0.0	3.4	0.0	0.7	0.0	0.0	0.0	0.0	5.6
15	11.3	0.0	2.4	0.0	9.7	0.0	0.3	0.0	0.0	0.0	0.0	23.6
16	6.3	0.0	0.0	22.9	97.9	0.0	1.9	0.0	0.0	0.0	0.3	0.9
17	8.4	0.5	6.2	6.2	6.7	0.0	0.8	0.0	0.0	0.0	0.0	107.1
18	9.7	2.9	2.8	26.2	0.4	0.0	0.2	0.0	0.0	0.0	7.9	0.0
19	5.6	4.1	4.4	82.8	9.0	0.0	0.0	0.0	0.0	0.0	0.6	12.7
20	0.4	0.0	5.7	97.5	15.1	0.0	0.0	0.0	0.0	5.2	0.0	6.2
21	0.0	0.0	21.4	37.0	0.5	0.0	0.0	0.0	0.0	2.4	5.2	42.3
22	9.2	0.0	23.3	136.2	0.1	0.0	0.0	0.0	0.0	0.5	0.1	11.4
23	18.5	2.7	0.4	25.3	0.0	0.0	0.0	0.0	0.0	14.5	0.0	11.8
24	0.9	16.9	9.2	25.4	0.5	6.1	0.0	0.0	0.0	0.0	0.0	9.5
25	3.1	14.0	0.0	12.1	0.0	29.3	0.0	0.4	0.0	0.7	16.5	11.1
26	0.5	11.8	82.2	12.2	0.0	2.6	3.0	6.7	0.0	0.0	14.7	14.9
27	0.0	0.0	36.2	8.3	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0
28	4.8	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	9.1		39.9	0.0	36.2	2.9	0.5	0.0	0.0	0.0	0.0	0.0
30	4.9		22.9	0.0	11.6	0.4	9.4	0.0	0.0	0.0	0.0	36.3
31	0.0		20.5		58.0		0.9	0.0		0.4		31.9

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.3	6.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	11.8	1.0	10.7	0.0	21.3	34.6	0.0	0.0	0.0	9.2	0.0	0.0
3	8.4	18.2	5.2	0.0	16.1	35.5	0.0	0.0	0.0	0.0	0.0	0.0
4	21.5	0.0	0.4	0.0	52.0	66.4	0.0	0.0	0.0	0.0	0.0	0.0
5	24.9	0.0	7.5	0.4	41.7	2.4	19.8	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	9.4	0.2	6.2	0.0	1.5	0.0	0.0	0.0	0.0	0.0
7	8.8	0.0	0.0	6.1	137.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	10.8	0.0	0.0	81.4	0.0	2.4	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	47.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	3.2	0.0	0.2	0.0	7.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0
11	0.4	0.0	13.3	11.7	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	1.2	64.9	47.8	52.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	9.1	0.0	4.2	52.4	0.0	0.0	0.0	0.0	1.2	0.0	0.0
14	0.0	6.9	11.9	0.0	53.7	0.0	0.0	0.9	0.0	1.6	0.0	0.0
15	0.0	0.0	8.3	0.0	179.9	0.0	0.0	0.2	0.0	6.1	0.0	0.0
16	0.0	0.0	0.0	0.0	49.8	0.0	37.4	0.7	0.0	0.0	0.0	4.2
17	0.0	28.7	6.2	0.0	8.6	2.3	12.8	1.2	0.0	0.0	0.0	0.0
18	0.0	14.2	0.0	0.0	0.0	0.0	8.8	0.0	0.0	0.0	0.0	0.0
19	0.9	48.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	10.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	19.4	15.7	0.3	0.0	28.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	19.4	18.2	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	12.3	37.4	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	18.2	15.9	0.0	0.9	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	29.7	0.0	0.0	1.3	0.0	0.0	0.2	0.0	18.7
26	0.0	0.0	4.0	26.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	2.6	65.3	2.3	0.0	53.8	0.0	0.0	4.1	0.0	6.1
28	7.5	21.0	0.0	1.4	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0
29	0.0	41.6	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	2.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Iliomar	126.828000	-8.709900	301

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	52.3	0.0	0.0	0.0	0.0	17.6	0.0	0.0	0.0	0.0	0.0	0.0
2	56.4	7.2	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0	2.3
3	17.5	5.2	21.0	0.0	1.8	19.8	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	12.3	0.0	69.1	4.6	0.0	0.0	0.0	0.0	0.0	3.4
5	48.2	0.0	3.2	21.7	31.3	10.7	7.2	0.0	0.0	0.0	0.0	0.0
6	4.6	0.0	6.5	31.1	40.4	55.8	5.4	0.0	0.0	0.0	0.0	6.8
7	2.3	0.0	6.4	8.8	2.0	185.8	4.7	0.0	0.0	0.0	0.0	21.6
8	2.4	0.0	0.4	56.6	0.0	45.0	47.2	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	9.2	2.4	0.0	8.7	99.4	0.0	0.0	0.0	0.0	2.4
10	26.9	0.0	0.7	0.8	0.0	10.5	16.1	0.0	0.0	0.0	0.0	28.9
11	24.8	0.0	0.0	0.0	18.0	10.3	8.0	0.0	0.0	0.0	0.0	0.0
12	41.7	0.0	9.3	0.0	16.9	3.8	177.7	0.0	0.0	0.0	0.0	0.7
13	0.0	0.0	13.2	0.0	23.8	0.0	25.5	0.0	0.0	0.0	0.0	0.0
14	2.2	0.0	4.3	0.0	3.9	0.0	3.9	0.0	0.0	26.7	26.9	0.0
15	0.0	9.5	0.0	0.0	18.7	0.2	12.9	0.0	0.0	19.2	0.0	0.0
16	8.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	31.6	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.2
18	4.4	0.0	0.4	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	6.0
19	4.1	0.0	0.0	21.3	3.6	0.8	2.8	0.0	0.0	0.0	23.8	10.3
20	3.4	9.5	0.0	10.8	108.2	100.6	0.0	0.0	0.0	0.0	6.8	57.5
21	0.0	8.3	0.0	0.0	0.0	156.3	0.0	0.0	0.0	0.0	2.6	6.3
22	0.0	0.5	0.0	0.0	13.4	158.0	53.9	0.0	0.0	0.0	5.5	0.0
23	0.0	0.0	0.0	0.0	10.7	68.5	0.0	0.0	0.0	0.0	11.0	0.0
24	0.0	0.4	0.0	0.0	115.1	69.3	0.0	0.0	0.0	0.0	4.6	2.3
25	0.0	2.1	0.0	0.0	2.6	34.7	0.0	0.0	0.0	0.0	24.4	0.0
26	7.2	28.0	0.9	0.2	38.0	6.9	0.0	0.0	0.0	14.5	0.0	0.0
27	16.9	0.2	0.0	8.1	42.1	0.0	0.0	2.8	0.0	0.0	6.3	0.0
28	56.9	0.0	0.0	22.6	18.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0
29	59.7		0.4	0.0	6.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0
30	4.6		0.0	1.0	26.3	0.9	0.0	0.0	0.0	0.0	19.6	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.7

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	37.7	2.4	0.0	0.0	3.7	7.6	0.0	0.0	0.0	0.0	0.0	47.6
2	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	34.9
3	14.8	0.0	0.0	13.3	0.0	0.0	4.7	0.0	0.0	0.0	0.0	13.8
4	11.2	0.0	0.0	0.0	0.0	14.9	3.9	3.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	25.2	2.6	10.3	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	1.5	0.0	24.6	35.2	0.0	0.0	0.0	0.0	0.0	2.6
7	0.4	0.0	0.0	0.0	5.3	10.7	0.0	2.3	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	17.2	25.5	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	22.6	0.0	28.4	4.1	0.0	0.0	0.0	0.0	0.0	2.6
10	0.0	9.6	0.0	7.8	35.1	2.2	0.0	0.0	0.0	0.0	0.0	4.2
11	0.0	0.0	10.5	1.5	13.7	4.7	2.4	0.0	0.0	0.0	0.0	57.8
12	0.5	0.0	0.0	30.0	0.0	0.0	5.1	3.4	0.0	0.0	0.0	5.9
13	53.1	0.0	0.0	5.5	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0
14	39.3	6.4	0.0	0.6	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	3.6	0.0	1.7	8.4	6.4	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	7.9	8.3	15.7	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	15.9	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	53.5
18	0.0	17.4	14.7	0.0	68.0	3.8	2.7	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	22.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0
20	62.2	0.0	0.0	54.3	13.1	113.1	0.0	0.0	0.0	0.0	0.0	0.0
21	2.3	6.3	0.0	10.0	21.7	77.2	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	10.5	13.4	3.3	0.0	0.0	0.0	0.0	0.0	26.8
23	20.0	0.0	0.0	0.0	48.4	0.0	2.8	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	68.8	0.2	11.6	0.0	0.0	0.0	0.0	3.7
25	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	2.4	19.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
27	2.3	0.0	0.0	0.0	12.4	7.8	0.0	0.0	0.0	0.0	0.0	6.9
28	12.8	0.0	0.0	0.6	0.0	12.2	0.0	0.0	0.0	0.0	0.0	16.7
29	0.0		0.0	0.2	6.0	0.0	6.9	0.0	0.0	0.0	0.0	17.8
30	0.0		0.0	14.0	17.6	6.1	3.8	0.0	0.0	0.0	0.0	18.6
31	0.0		0.0		17.0		2.6	0.0		0.0		20.6

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Power Station	127.004722	-8.520556	375

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.0	26.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	7.6	55.8	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	8.0	10.0	2.2	0.0	3.4	0.0	0.0	0.2	0.0	0.0	0.0	25.6
4	0.8	5.2	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0
6	0.0	3.0	0.0	0.0	2.6	0.0	3.2	1.2	0.4	0.0	0.0	63.8
7	1.8	4.0	0.0	3.2	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0
8	9.9	5.9	0.0	0.0	0.0	0.0	0.0	24.6	0.0	0.0	0.0	14.0
9	0.1	8.2	0.0	52.4	0.0	0.0	2.8	0.0	0.0	0.0	0.0	12.6
10	0.0	0.0	0.0	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0
11	0.0	0.0	0.0	71.8	30.8	2.4	2.6	0.0	1.2	0.0	0.0	9.4
12	1.4	0.0	0.0	5.4	53.0	1.2	11.8	0.0	0.0	0.0	0.0	0.4
13	0.0	1.0	0.0	0.0	3.4	0.0	1.2	0.0	0.0	0.0	0.0	45.4
14	19.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	39.4
15	4.2	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
16	5.4	0.0	0.0	0.4	55.4	0.0	2.2	0.0	2.8	0.0	0.0	8.0
17	8.2	0.0	0.6	0.8	8.6	0.0	1.4	0.0	0.0	0.0	3.6	0.0
18	3.3	15.6	9.8	42.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	3.4
19	0.0	8.0	17.6	21.4	11.2	0.0	0.0	2.2	0.0	0.0	2.6	16.2
20	0.0	0.2	81.2	5.8	12.0	3.4	0.0	0.4	0.0	3.6	4.2	5.4
21	0.0	0.8	0.4	82.0	4.0	0.0	0.0	0.0	0.0	6.6	2.4	1.4
22	0.0	85.6	1.0	52.0	1.2	0.0	0.0	0.0	0.0	12.4	0.0	0.0
23	5.2	3.0	26.4	45.4	0.0	0.0	0.0	0.0	0.0	6.2	0.0	4.4
24	0.0	20.8	17.2	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.2	1.6	15.6	0.0	17.0	0.0	0.0	0.0	0.0	17.0	2.6
26	0.0	17.2	58.0	26.4	0.0	3.2	0.0	4.2	0.0	0.0	20.8	4.2
27	0.0	2.2	10.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
28	0.0	0.0	22.2	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	13.6
29	0.0		9.4	0.0	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	23.2		7.0	0.0	10.2	3.4	0.0	0.0	0.0	0.0	0.0	1.0
31	23.1		10.2		0.0		0.0	0.0		4.6		80.6

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	14.4	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	13.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	13.2	0.2	0.0	0.0	23.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	14.4	0.0	39.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	17.2	0.0	21.4	0.0	46.2	0.0	10.0	0.0	0.0	0.0	0.0	0.0
6	2.4	10.1	22.0	0.0	58.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0
7	4.2	3.6	33.4	0.0	126.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	7.6	0.0	51.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0
9	0.0	23.0	24.6	0.0	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	11.6	0.2	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	1.8	0.0	15.6	0.0	0.0	0.0	0.0	0.0	0.0	23.0
12	0.0	0.0	44.8	30.2	23.2	0.0	0.0	0.0	0.0	0.0	0.0	14.2
13	0.0	40.2	0.0	0.0	51.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4
14	9.0	29.4	9.6	0.0	121.6	0.0	0.0	0.0	0.0	0.0	0.0	20.0
15	0.0	0.0	0.0	18.6	31.0	0.0	0.0	4.4	0.0	0.0	0.0	8.8
16	0.0	11.0	12.6	0.0	28.8	0.0	12.2	0.0	0.0	0.0	0.0	7.4
17	0.0	0.0	0.0	0.0	2.4	0.0	50.2	0.0	0.0	0.0	0.0	26.4
18	0.0	0.0	0.0	0.0	0.0	3.2	33.2	0.0	0.0	0.0	0.0	0.0
19	40.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	1.2	0.0	0.0	0.0	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	2.8	2.4	17.6	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	13.4	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	23.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	14.4
25	0.0	1.6	0.0	5.6	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	36.6	0.0	46.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	4.2	30.0	9.8	0.0	14.4	0.0	0.0	0.0	0.0	2.2
28	0.0	0.0	9.2	26.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	2.6	0.0	60.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	33.4		0.0		0.0		0.0	0.0		0.0		2.8

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Power Station	127.004722	-8.520556	375

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	5.8	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2	13.4	0.0	19.2	8.8	8.6	10.8	0.0	0.0	0.0	0.0	0.0	0.0
3	72.4	4.2	54.6	0.0	58.2	13.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	12.2	0.0	14.8	17.2	0.0	0.0	0.0	0.0	0.0	72.8
5	0.0	0.0	0.0	0.0	13.8	25.4	0.0	0.0	0.0	0.0	0.0	0.0
6	14.4	0.0	0.0	19.2	14.6	19.0	0.0	0.0	12.2	0.0	0.0	0.0
7	0.0	0.0	0.0	35.8	0.0	193.6	19.6	0.0	0.0	0.0	0.0	33.6
8	0.4	0.0	0.0	74.4	0.0	16.4	58.0	0.0	0.0	0.0	0.0	0.2
9	12.0	57.6	30.2	0.0	15.8	6.0	53.8	0.0	0.0	0.0	0.0	0.0
10	3.6	0.0	24.8	0.0	3.8	2.4	7.2	0.0	0.0	0.0	0.0	34.6
11	12.0	13.2	25.0	0.0	10.0	12.2	12.6	0.0	0.0	0.0	0.0	0.0
12	4.2	0.0	15.2	0.0	7.4	5.0	217.6	0.0	0.0	0.0	0.0	0.0
13	30.0	0.0	0.0	0.0	0.0	0.0	91.2	0.0	0.0	0.0	0.0	0.0
14	0.0	7.4	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	7.0	0.0
15	0.0	19.2	18.6	0.0	0.0	0.0	59.8	0.0	0.0	0.0	0.0	0.0
16	39.4	16.8	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0
17	18.2	38.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	1.8	31.6	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	14.8	0.0
19	5.8	0.0	0.0	22.2	0.0	10.4	0.0	0.0	0.0	0.0	25.0	0.0
20	4.2	0.0	0.0	12.2	6.2	4.6	0.0	0.0	0.0	0.0	0.0	83.4
21	0.0	3.4	0.0	0.0	0.0	191.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	58.0	0.0	0.0	0.0	0.0	0.0
23	48.6	0.0	0.0	0.0	48.4	0.0	0.0	0.0	0.0	0.0	0.0	10.8
24	0.0	0.0	0.0	0.0	17.2	113.4	0.0	0.0	0.0	0.0	11.4	0.0
25	0.0	0.0	0.0	0.0	94.0	80.8	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	25.0	10.0	17.4	67.2	0.0	2.0	0.0	0.0	9.6	0.0
27	34.2	0.0	52.2	5.2	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	16.7	0.0	17.4	10.0	39.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	19.2		0.0	5.6	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0
31	16.8		3.2		8.0		0.0	0.0		0.0		30.2

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	9.4	0.0	28.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	19.2	0.0	0.0	0.0	0.0	3.2	0.0	5.4	0.0	0.0	0.0	12.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0
4	0.0	0.0	19.4	13.8	0.0	18.0	0.0	10.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	18.8	0.0	1.6	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	25.8	0.0	0.4	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	38.2	14.2	24.5	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	6.1	71.7	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	23.0	15.8	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	2.4	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8
11	15.2	0.0	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	4.8	23.4	0.0	22.6	15.2	0.0	14.2	0.0	0.0	0.0	0.0	3.8
13	63.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
15	0.0	0.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2
16	0.0	0.0	0.0	15.0	0.0	36.6	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	1.4	22.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	15.2	20.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	72.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	21.0	32.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	10.6	0.0	52.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	2.6	0.0	0.0	0.0	36.4	0.0	0.0	0.0	0.0	0.0	0.0	13.6
24	3.6	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	1.2
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	22.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	13.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	4.6	2.4	0.0	0.0	0.0	0.0	31.8
29	3.8		13.8	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
31	0.0		0.0		0.0		0.0	0.0		0.0		10.4

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Lore	127.015160	-8.643680	131

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	24.9	64.8	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0
6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	27.1	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	2.5	5.0	7.5	62.8	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	4.0	16.4	0.0	0.0	0.0	0.0	0.0	24.2	0.0	0.0	0.0
13	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	9.5	5.6	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	34.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
16	7.5	0.0	0.0	0.0	44.4	0.0	6.7	0.0	0.0	0.0	0.0	6.5
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	5.4	0.0	0.0	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	18.8	43.5	0.0	0.0	0.0	0.0	0.0	23.1	0.0	21.0
21	10.5	0.0	0.0	63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.8
22	0.0	0.0	0.0	105.5	0.0	0.0	0.0	0.0	0.0	0.0	9.5	14.4
23	2.7	0.0	24.0	105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	23.3	25.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0
26	28.6	0.0	0.0	0.0	30.5	0.0	0.0	23.3	0.0	0.0	39.5	0.0
27	0.0	0.0	112.5	42.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0
30	2.2		33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
31	57.8		3.9		0.0		0.0	0.0		10.5		0.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	12.8	0.0	35.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	27.5	0.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	6.5	0.0	217.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	73.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	18.0	89.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	24.0	0.0	34.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0
10	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	52.5	19.5	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	60.2	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	52.5	7.7	66.5	84.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	13.5	59.1	0.0	28.5	136.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	71.5	0.0	33.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	34.2	0.0	0.0	0.0	0.0	0.0
18	0.0	18.4	0.0	0.0	0.0	0.0	23.2	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	21.0	36.7	5.5	0.0	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	40.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	25.5	0.0	0.0	31.5	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	8.5	19.5	47.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Lore	127.015160	-8.643680	131

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.0	79.0	0.0	26.3	3.7	19.0	0.0	0.0			0.0	0.0
2	22.5	0.0	24.5	0.0	0.0	17.0	0.0	0.0			0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
4	0.0	0.0	27.3	0.0	106.8	30.3	0.0	0.0			0.0	10.3
5	0.0	0.0	0.0	0.0	0.0	26.1	63.0	0.0			0.0	9.5
6	0.0	0.0	0.0	17.0	0.0	29.0	46.5	0.0			0.0	16.0
7	0.0	0.0	73.5	0.0	0.0	157.5	21.0	0.0			0.0	0.0
8	0.0	0.0	5.3	47.0	0.0	0.0	0.0	0.0			0.0	0.0
9	94.5	0.0	0.0	57.0	37.0	0.0	0.0	0.0			0.0	4.8
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	35.5
11	0.0	0.0	0.0	0.0	40.0	21.5	0.0	0.0			0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	78.0	0.0			0.0	3.9
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	5.5
14	0.0	0.0	0.0	0.0	24.8	0.0	0.0	0.0			8.5	0.0
15	35.0	0.0	0.0	0.0	0.0	0.0	37.4	0.0			46.5	0.0
16	43.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
17	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
18	0.0	31.3	0.0	0.0	0.0	0.0	0.0	0.0			0.0	9.5
19	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0			13.0	3.5
20	63.0	0.0	0.0	29.5	0.0	0.0	0.0	0.0			0.0	36.5
21	9.3	0.0	0.0	0.0	0.0	327.3	0.0	0.0			0.0	4.5
22	0.0	0.0	0.0	45.5	0.0	389.1	25.5	0.0			24.5	3.5
23	0.0	0.0	0.0	0.0	37.7	65.3	0.0	0.0			0.0	12.0
24	0.0	0.0	0.0	0.0	28.2	20.0	0.0	0.0			0.0	0.0
25	0.0	0.0	0.0	0.0	102.0	26.5	0.0	0.0			15.2	0.0
26	0.0	0.0	18.8	0.0	31.5	0.0	0.0	0.0			6.5	0.0
27	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0			6.6	0.0
28	0.0	0.0	26.3	0.0	0.0	6.4	0.0	0.0			0.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
30	0.0		28.3	0.0	59.0	0.0	0.0	0.0			5.2	0.0
31	26.0		0.0		0.0		0.0	0.0				52.2

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	11.7	0.0	0.0	26.5	45.1	21.5	0.5	0.0	0.0	0.0	26.2
2	0.0	0.0	0.0	12.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	7.0
3	0.0	4.9	0.0	0.0	0.0	10.5	0.0	6.1	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	2.5	0.0	10.5	31.5	0.0	0.0	0.0	0.0	7.0
5	0.0	0.0	0.0	22.5	0.0	23.0	4.5	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	2.5	5.5	39.0	0.0	8.5	0.0	0.0	0.0	0.0
8	0.0	0.0	7.2	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	16.7	12.0	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	8.2	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	58.0	0.0	0.0	39.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	54.3	0.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.2
15	0.0	20.5	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0
16	0.0	6.8	2.7	0.0	0.0	41.5	0.0	0.0	0.0	0.0	0.0	0.0
17	6.5	0.0	15.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.7
18	0.0	0.0	0.0	0.0	47.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	6.6	0.0	0.0	60.7	4.8	0.0	0.0	0.0	0.0	0.0	38.0
20	26.6	20.4	0.0	40.0	8.5	104.0	0.0	0.0	0.0	0.0	0.0	0.0
21	6.6	0.0	0.0	47.8	47.5	36.3	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	5.8	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	2.5	0.0	0.0	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	48.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	6.8	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	15.6	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	14.5	0.0	0.0	0.0	0.0	0.0	0.0	70.5
30	4.5		0.0	0.0	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		52.5

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Moshes	127.168333	-8.471111	275

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
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29												
30												
31												

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
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4												
5												
6												
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31												

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Moshes	127.168333	-8.471111	275

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
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Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
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Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Tutuala city	127.256944	-8.391389	355

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	2.5	0.0	0.5	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0
2	0.0	41.3	0.0	2.8	29.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	4.2	2.2	0.0	0.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0
5	0.0	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	11.2	0.0	0.0	3.5	0.0	0.0	0.0	3.5	5.3
7	0.0	0.0	0.0	3.5	0.0	0.0	2.2	0.0	0.0	0.0	0.0	15.7
8	0.0	1.4	0.0	1.1	0.0	0.0	0.0	1.9	0.0	0.0	0.0	45.3
9	0.0	1.6	0.0	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.6
10	0.0	0.0	0.0	21.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	6.1
11	0.0	2.7	0.0	9.8	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
12	0.0	5.1	0.0	11.4	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0
13	1.2	0.0	0.0	0.0	1.9	0.0	1.1	0.0	0.0	0.0	0.0	3.0
14	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
15	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	6.7	0.0	0.0	0.0	30.2	0.0	3.3	0.0	0.0	0.0	0.0	0.0
17	0.4	23.6	0.0	29.7	25.2	0.0	0.0	0.0	0.0	0.0	0.0	9.4
18	0.0	1.5	0.0	8.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4
19	2.9	0.0	1.4	6.0	16.1	0.0	0.0	0.8	0.0	0.0	0.0	23.6
20	0.0	0.0	0.0	17.1	1.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	1.6	81.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	4.2	19.4	88.2	0.0	2.1	0.0	0.0	0.0	0.0	0.5	26.1
23	0.0	2.7	2.6	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5
24	0.0	1.1	41.7	12.2	0.0	0.0	0.0	7.3	0.0	0.0	5.4	0.9
25	0.0	0.0	14.8	1.3	0.0	0.0	0.0	0.0	0.0	1.7	1.4	0.0
26	0.0	0.8	90.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	53.6	46.8
27	0.0	0.0	2.1	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.1
28	51.4	0.0	39.2	0.0	29.4	0.3	0.0	0.0	0.0	0.0	8.5	33.4
29	1.5		1.9	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	6.1
30	15.1		3.5	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	46.5
31	2.9		1.7		0.0		0.0	0.0		0.0		42.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	18.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	23.1	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	3.1	0.0	0.0
3	48.9	0.0	0.0	0.0	28.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	30.6	0.0	33.4	0.0	17.8	11.6	0.0	0.0	0.0	0.0	0.0	0.0
5	1.6	0.0	0.7	0.0	56.1	16.3	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	57.2	3.8	30.6	1.3	4.6	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	2.6	8.2	139.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	56.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	88.4	0.0	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	7.9	5.9	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0
11	1.1	0.0	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	12.0	37.3	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	6.1	7.5	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	52.6	0.0	54.4	36.1	0.0	0.0	0.0	0.0	1.2	0.0	0.0
15	12.6	26.1	2.9	3.5	62.0	0.0	0.0	7.5	0.0	0.2	0.0	0.0
16	0.0	0.0	14.1	0.0	11.4	0.0	63.4	0.0	0.0	0.0	0.0	0.0
17	0.0	9.2	0.8	1.4	0.0	0.0	34.3	0.0	0.0	0.0	0.0	0.0
18	18.4	24.7	4.5	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0
19	69.7	1.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	11.5	0.0	0.0	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9
22	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	4.9	0.0	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	7.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	35.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	5.7	26.1	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	4.2	37.9	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	8.5	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1
31	1.6		0.0		0.0		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Tutuala city	127.256944	-8.391389	355

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.5	0.0	0.0	0.0	0.0	9.7	6.3	0.0	0.0	0.0	0.0	2.6
2	3.7	0.4	5.1	15.8	1.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0
3	17.3	23.4	8.2	0.0	2.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0
4	2.2	0.0	0.0	0.0	21.2	3.4	0.7	0.0	0.0	0.0	0.0	0.0
5	1.7	0.0	0.0	0.0	4.1	9.9	0.0	0.0	0.0	0.0	0.0	2.7
6	7.0	0.0	0.0	4.1	27.4	34.5	0.0	0.0	0.0	0.0	0.0	2.5
7	0.0	19.3	0.0	6.8	0.0	161.1	27.5	0.0	0.0	0.0	0.0	44.7
8	1.2	0.0	0.0	66.3	1.4	10.3	20.1	0.0	0.0	0.0	0.0	0.0
9	6.5	0.0	8.6	0.0	11.5	0.0	11.5	0.0	0.0	0.0	0.0	0.0
10	0.5	0.0	8.9	0.0	0.0	13.7	4.7	0.0	0.0	0.0	0.0	75.4
11	0.0	36.8	7.9	4.2	0.0	7.2	9.5	0.0	0.0	0.0	0.0	0.0
12	6.7	0.0	22.7	0.0	0.0	2.4	32.3	0.0	0.0	0.0	0.0	17.3
13	42.6	0.0	2.2	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	64.6	0.0	11.6	0.0	7.2	0.0	0.0	0.0	0.0	0.0
15	0.0	20.3	4.9	0.0	4.1	0.0	7.9	0.0	0.0	0.0	0.0	27.9
16	19.9	8.1	0.0	0.0	22.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.3
18	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	10.8
19	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	3.9
20	0.0	14.6	0.0	4.9	9.5	7.9	0.0	0.0	0.0	0.0	0.0	26.8
21	0.0	0.8	0.0	0.0	0.0	278.7	0.0	0.0	0.0	0.0	11.1	16.5
22	0.0	0.0	0.0	0.0	0.0	98.1	23.9	0.0	0.0	0.0	2.6	16.7
23	11.3	0.0	0.0	0.0	0.0	7.2	2.3	0.0	0.0	0.0	0.0	6.7
24	1.6	0.0	0.0	0.0	11.6	26.6	0.0	0.0	0.0	0.0	0.0	18.5
25	0.0	3.5	0.0	5.3	34.9	17.8	0.0	0.0	0.0	0.0	2.9	0.0
26	3.5	0.0	17.1	0.0	44.8	7.3	0.0	2.1	0.0	9.7	0.0	1.7
27	0.0	0.0	25.1	0.0	2.9	0.0	0.0	0.0	0.0	0.0	6.3	0.0
28	21.2	0.0	6.7	21.7	40.2	0.0	0.0	0.0	0.0	0.0	8.6	0.0
29	20.3		0.0	8.6	41.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0
30	3.1		0.0	0.0	0.6	0.0	9.9	0.0	0.0	0.0	27.5	0.0
31	15.5		0.0		8.8		0.0	0.0		0.0		0.0

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	38.2	0.0	11.9	0.0	0.0	0.0	38.6
2	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	4.7	0.0	4.9	0.0	0.0	0.0	0.0	0.0	27.7
5	0.0	0.0	11.4	4.5	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	31.5	0.0	23.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	3.2	2.6	3.1	64.1	0.0	0.0	0.0	0.0	0.0	0.0
8	7.8	0.0	1.2	0.0	6.7	8.7	0.0	0.0	0.0	0.0	0.0	15.7
9	0.0	0.0	0.0	3.4	8.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5
13	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	11.2	0.0	16.9	0.0	8.5	0.0	21.4	0.0	0.0	0.0	0.0	4.1
15	0.0	0.0	0.0	0.0	4.3	8.2	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	9.2	0.0	8.3	6.3	0.0	0.0	0.0	0.0	0.0	14.2
17	0.0	0.0	5.6	13.8	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	25.3	4.9	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	60.7	16.1	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	2.9	37.3	0.0	48.8	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	16.4	15.3	123.2	0.0	0.0	0.0	0.0	0.0	0.0
22	3.1	8.7	0.0	0.0	0.0	21.4	0.0	0.0	0.0	0.0	0.0	9.2
23	3.2	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	13.8	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	5.6
25	35.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	51.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	29.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		19.7		2.8	0.0		0.0		9.9

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Maubara town	125.189210	8.641840	32

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.1	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	10.2	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	10.2	0.6
5	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
6	30.8	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	2.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	2.5	0.0
9	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
12	2.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	33.2	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0
14	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	2.7	0.0
17	1.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	30.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0
19	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1
20	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	0.2
21	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	10.7
22	8.0	10.9	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
23	10.6	2.3	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	40.6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
25	31.6	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	2.0
26	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
27	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	9.9
29	0.0		10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	8.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	41.3
31	0.0		0.0		0.0		0.0	0.0		0.0		30.7

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	9.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
10	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	9.3
12	0.0	0.7	4.9	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	5.0
13	0.0	5.2	5.5	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	9.2	0.0	2.6	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	12.7	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0
18	0.0	8.2	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	10.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	10.9	0.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	9.1	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	7.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
27	50.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	30.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	11.1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	10.4		0.0		0.0		0.0	0.0		0.0		2.4

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Maubara town	125.189210	8.641840	32

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	6.2	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	10.3	9.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	
7	3.2	0.0	3.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	2.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	
9	5.6	0.0	0.0	0.0	0.0	0.0	3.5	0.0	1.7	0.0	0.0	
10	10.8	0.0	5.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	
11	9.2	7.6	6.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	
12	6.9	8.3	0.5	2.4	0.0	0.0	6.2	0.0	0.0	0.0	0.0	
13	8.1	10.9	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	2.3	10.2	14.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	19.7	10.6	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	3.7	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	6.6	8.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	5.9	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	
19	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	
20	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	10.9	0.0	0.0	2.0	12.4	0.0	0.0	0.0	0.0	15.1	
22	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	9.0	
23	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	6.7	
24	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	6.3	
25	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.2	
26	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.4	0.2	0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	2.5	6.5	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	5.1	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	3.2	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.7
10	2.0	0.0	0.0	8.4	10.9	0.0	0.0	0.0	0.0	0.0	2.5	0.0
11	0.6	2.8	0.0	7.2	7.5	0.0	0.0	0.0	0.0	0.0	0.9	0.0
12	4.2	3.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	5.7	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	19.3
14	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
15	9.0	0.0	1.5	8.1	0.2	0.0	2.9	0.0	0.0	0.0	0.0	9.1
16	7.4	0.0	2.2	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
17	4.3	0.0	0.0	0.4	16.1	0.0	0.0	0.0	0.0	0.0	8.9	3.6
18	10.4	0.0	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0	2.2	11.1
19	2.6	0.0	0.0	0.0	13.1	0.0	0.0	0.0	0.0	0.0	3.2	8.9
20	3.6	0.0	0.0	0.0	0.4	5.4	0.0	0.0	0.0	0.0	0.0	6.9
21	0.0	0.0	0.0	0.0	0.0	30.7	0.0	0.0	0.0	0.0	0.4	20.5
22	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	19.2
23	0.5	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2
24	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
25	2.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	8.4	17.4
26	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	15.3
27	5.4	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	9.1	29.6
28	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	19.7
29	4.6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	9.6
30	3.2		0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	18.6	15.6
31	0.4		0.0		0.0		0.0	0.0		0.0		10.1

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Fasenda	125.331634	-8.664479	31

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	1.6	2.2	31.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.3	15.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.5	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
6	1.3	19.9	0.0	0.0	0.0	0.0	0.0	1.6	0.0	8.9	48.1	0.9
7	25.9	15.5	0.0	5.7	0.0	0.0	5.2	8.6	0.0	4.0	0.0	0.0
8	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
9	5.5	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	21.0	19.5
10	0.0	11.8	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	17.0	101.0
11	0.2	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.3	12.0
12	16.2	3.2	1.3	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
13	0.2	4.7	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	42.5
14	0.0	0.0	0.0	0.9	0.0	0.0	3.4	0.0	0.0	0.0	0.0	34.9
15	4.2	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.7	0.0	1.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	5.3	0.0	2.9	3.7	0.0	0.0	7.1	0.0	0.0	2.7	2.0	0.0
18	9.9	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2
19	13.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	3.0	0.0
20	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0
21	0.0	0.0	0.0	27.6	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0
22	0.0	0.0	2.3	50.1	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.7
23	0.7	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0
24	2.0	12.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	19.3	21.6	21.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.1
26	0.0	18.8	5.1	6.1	0.0	0.7	0.0	0.0	0.0	0.0	0.9	0.0
27	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0
28	9.9	0.0	10.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	16.8
29	0.0		0.0	0.0	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	8.5		8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.6
31	0.0		1.2		0.0		0.0	0.0		0.0		1.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	36.2	0.0	2.6	5.5	3.1	17.0	7.8	6.2	37.5	18.5	70.6
2	6.6	21.1	0.2	1.2	12.6	0.8	3.3	2.1	0.1	55.2	10.1	78.4
3	6.1	39.5	0.0	0.0	2.2	2.3	0.0	0.0	20.8	31.5	9.5	15.4
4	1.5	0.7	0.1	3.4	0.0	30.9	10.9	2.1	1.2	27.5	18.1	14.9
5	2.1	0.0	42.7	6.5	2.4	32.0	0.2	0.1	2.4	91.7	17.7	11.5
6	4.7	0.0	12.5	2.4	28.8	11.4	9.1	0.0	7.4	28.2	8.0	9.1
7	0.0	0.0	29.0	4.2	11.7	1.2	10.4	0.0	6.2	33.6	11.0	41.7
8	0.0	0.0	52.7	0.2	8.2	0.0	0.2	0.0	10.9	18.5	8.1	30.0
9	2.1	2.0	20.1	0.0	2.5	2.3	11.9	0.0	4.4	69.1	9.7	15.9
10	0.3	7.6	0.3	4.5	19.7	11.3	17.3	3.2	5.1	40.1	14.7	53.9
11	0.0	0.0	7.2	42.5	22.0	2.4	26.9	1.1	8.2	51.5	3.4	91.6
12	0.0	0.0	67.3	51.1	56.4	13.9	11.7	0.2	1.1	35.6	3.1	48.3
13	0.0	2.3	43.7	0.6	3.5	8.3	2.2	0.0	10.6	21.4	0.1	20.3
14	0.0	0.0	6.8	12.0	5.5	6.8	37.5	0.0	0.0	51.0	6.3	57.8
15	0.0	0.0	10.3	1.0	8.9	0.1	2.7	0.0	0.0	38.1	1.2	37.8
16	0.5	0.0	0.3	5.3	10.8	1.2	29.3	0.0	0.0	13.7	4.2	31.0
17	7.2	6.9	31.7	5.3	10.3	10.0	41.5	0.0	0.0	27.3	0.0	17.0
18	10.2	11.7	0.1	8.4	0.0	0.0	8.3	0.0	0.0	16.2	27.0	17.2
19	9.1	19.5	56.0	11.9	0.1	2.5	7.9	0.0	19.1	4.2	8.2	14.6
20	4.7	0.0	57.4	13.5	2.4	7.8	13.9	0.0	8.7	0.3	36.4	28.4
21	2.8	24.2	17.7	4.9	0.0	1.1	17.5	0.0	10.9	8.8	71.5	39.0
22	35.6	0.0	4.3	2.2	2.2	5.9	0.3	0.0	1.4	7.3	50.7	17.3
23	2.6	50.8	1.6	26.1	3.4	1.1	10.1	0.0	1.2	0.1	4.3	60.8
24	38.4	0.0	0.1	14.8	10.6	2.3	10.2	0.0	5.3	5.1	3.0	20.6
25	0.9	0.7	1.2	44.0	2.6	12.7	2.5	0.0	5.7	11.6	8.3	59.9
26	0.0	0.0	3.3	8.5	16.9	5.2	10.8	0.0	0.6	5.3	23.5	17.5
27	0.0	0.0	5.5	26.3	0.1	19.9	8.5	0.0	4.8	1.6	29.8	28.2
28	0.0	0.0	4.5	24.1	3.2	2.5	0.3	0.0	0.0	3.7	42.8	20.0
29	0.0	0.7	0.0	18.0	6.5	30.9	18.9	0.0	2.1	6.6	50.0	12.5
30	0.0		0.2	43.2	12.8	27.1	0.2	0.0	0.2	0.1	62.1	51.4
31	7.8		11.4		2.5		3.4	0.0		5.5		61.8

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Fasenda	125.331634	-8.664479	31

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	80.9	8.8	9.3	8.2	17.4	12.5	81.1	0.0	0.1	0.0	0.0	15.0
2	60.3	10.1	7.2	6.4	8.2	6.1	6.4	1.0	0.0	0.0	0.0	3.5
3	41.3	9.5	17.3	3.5	10.5	4.1	3.0	0.0	0.0	0.0	0.0	0.0
4	20.0	18.1	17.2	16.4	6.4	2.0	5.4	0.1	0.0	0.0	0.0	0.0
5	100.7	17.7	23.6	8.7	7.1	7.4	8.1	2.3	0.0	0.0	0.0	6.5
6	17.1	8.0	13.6	14.9	12.6	12.3	12.6	1.0	0.0	0.0	0.0	0.0
7	16.8	11.0	14.6	18.8	6.2	6.2	9.6	1.2	0.0	0.0	0.0	0.0
8	50.6	8.7	29.8	7.1	13.3	4.0	5.1	1.0	0.0	0.0	0.0	10.9
9	16.1	9.7	37.3	17.4	7.2	10.4	6.3	0.0	0.2	0.0	0.0	0.0
10	15.3	14.7	8.6	8.3	17.1	4.2	12.5	1.3	0.1	0.0	2.6	1.0
11	34.3	3.4	17.9	5.6	12.3	2.0	5.5	1.1	0.1	0.0	0.0	0.0
12	16.7	3.1	15.4	18.7	10.5	1.0	8.6	0.1	0.0	0.0	0.0	0.0
13	52.2	6.3	13.9	9.4	13.6	8.4	3.2	0.0	0.0	0.0	0.0	6.3
14	21.2	1.2	3.7	12.9	31.3	6.1	15.8	1.1	0.0	0.0	4.8	9.3
15	102.1	4.2	12.5	28.8	20.5	13.8	12.3	0.0	0.0	0.0	0.0	0.0
16	30.3	0.0	31.8	6.1	13.4	10.3	6.4	1.0	0.0	0.0	20.1	5.6
17	51.4	27.0	9.1	13.4	18.1	4.0	9.5	0.0	0.0	15.6	5.3	40.7
18	61.2	8.2	5.3	4.1	11.3	14.2	8.3	0.3	0.0	0.0	10.5	38.8
19	61.4	36.4	15.4	12.0	29.3	6.3	5.1	0.1	0.0	0.0	0.0	64.6
20	51.7	71.5	3.7	11.2	19.1	4.1	2.2	0.0	0.0	0.0	0.0	149.1
21	61.1	50.7	31.7	10.3	9.3	4.0	1.1	0.0	0.0	0.0	0.0	31.3
22	30.7	4.3	13.6	29.0	9.5	6.3	0.4	0.0	0.0	0.0	0.0	4.4
23	60.9	10.3	20.4	13.3	10.4	10.5	12.3	0.2	0.0	0.0	8.2	49.5
24	41.3	9.1	12.1	4.6	6.3	16.3	6.5	0.0	0.1	0.0	5.0	9.1
25	71.6	11.4	12.8	2.5	14.4	12.6	3.2	0.2	0.0	0.0	7.2	2.0
26	71.1	3.2	3.2	9.5	41.2	9.3	12.6	0.0	0.1	0.0	0.0	29.1
27	51.7	69.2	6.7	7.8	16.1	11.5	8.4	0.0	0.1	0.0	0.0	39.2
28	81.4	0.0	29.6	3.3	9.3	5.2	10.3	0.1	0.1	0.0	44.8	40.4
29	70.9		16.3	19.0	8.1	2.0	6.5	2.0	9.5	0.0	9.9	3.1
30	101.1		11.6	10.1	15.1	1.0	8.1	0.1	0.0	0.0	11.4	7.2
31	101.7		14.7		29.7		3.4	0.0		0.0		15.4

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.6	34.4	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0	6.3	32.9
2	51.1	21.3	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	7.3	16.0
3	23.8	25.8	3.4	0.0	47.8	0.0	0.0	0.0	0.0	0.0	13.5	45.8
4	50.8	65.3	0.0	21.0	2.8	0.0	0.0	0.0	0.0	0.0	7.6	17.0
5	38.9	22.1	0.0	13.4	7.5	0.0	0.0	0.0	0.0	0.0	24.7	9.2
6	17.3	26.5	8.1	33.1	30.3	0.0	0.0	0.0	0.0	0.0	9.8	23.3
7	46.4	21.3	0.0	23.5	3.2	1.1	0.0	0.0	0.0	0.0	19.7	17.5
8	56.1	5.5	0.0	5.8	14.7	0.0	0.0	0.0	0.0	0.0	14.8	14.1
9	83.4	12.2	0.0	2.4	3.2	0.0	0.0	0.0	0.0	0.0	77.6	30.8
10	0.1	20.0	0.0	0.2	2.1	0.0	0.0	0.0	0.0	0.0	14.7	14.9
11	2.0	5.1	0.0	6.4	101.3	0.0	0.1	0.0	0.0	0.0	39.4	18.0
12	0.0	0.5	22.5	0.0	12.1	2.1	1.2	0.0	0.0	0.0	11.5	64.6
13	0.5	13.7	3.8	7.5	7.1	0.0	0.0	0.0	0.0	0.0	41.6	9.3
14	45.4	4.6	0.8	7.4	22.3	0.0	0.0	0.0	0.0	0.0	14.1	15.2
15	73.7	12.4	0.1	12.8	2.1	0.0	0.0	0.0	0.0	0.0	61.3	33.2
16	26.8	12.4	7.3	47.6	0.0	2.1	0.0	0.0	0.0	0.0	10.0	43.0
17	6.7	17.0	0.0	133.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	17.4
18	3.4	42.3	0.0	19.3	49.6	0.0	0.0	0.0	0.0	0.0	10.9	15.7
19	23.8	78.0	7.4	2.1	68.5	0.0	0.0	0.0	0.0	0.0	7.3	36.7
20	18.8	3.0	0.0	31.7	25.0	0.0	5.6	0.0	0.0	0.0	11.5	15.0
21	26.1	18.4	0.0	68.4	14.6	9.3	3.1	0.0	0.0	0.0	7.1	9.0
22	23.3	19.2	0.0	19.4	2.1	6.2	0.0	0.0	0.0	0.0	4.1	80.5
23	22.7	1.2	6.7	2.1	0.0	0.2	0.0	0.0	0.0	0.0	29.6	84.5
24	28.7	48.7	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.3
25	25.1	3.3	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	54.0	7.6
26	21.9	16.6	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	27.3	12.3
27	39.9	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	13.9	17.9
28	38.3	0.0	15.5	12.2	12.3	0.0	0.0	0.0	0.0	0.0	16.2	17.1
29	18.7		7.2	7.3	9.0	0.0	0.0	0.0	0.0	0.0	4.6	13.5
30	18.5		1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	18.4
31	37.8		0.0		0.0		0.0	0.0		0.0		9.8

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Laclo	125.908333	-8.555833	175

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	1.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	8.3	47.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	1.6	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	30.0	0.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	49.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5
7	0.0	7.9	0.0	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
8	5.3	8.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8
9	0.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	5.1	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	20.3	0.0	0.0	25.9	0.0	0.0	0.0	0.0	0.0	0.0	2.6
12	2.9	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5
15	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	2.9	2.2	6.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	1.3	0.0	65.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	53.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6
20	0.0	1.6	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	7.0	10.2
21	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
23	0.0	3.2	20.3	2.5	0.0	0.0	0.0	0.0	0.0	39.9	8.2	7.2
24	0.0	0.0	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	24.4	0.2	20.2	3.8	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0
26	0.0	6.9	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6
27	0.0	0.0	12.2	15.9	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0
28	3.2	0.0	19.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2
29	5.9		12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	5.2
30	7.2		10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	6.1
31	6.8		0.0		0.0		0.0	0.0		0.0		0.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	45.2	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	11.9	3.4	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	1.2	0.0	13.1	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	5.3	0.0	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	3.5	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.5	18.1	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	137.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	11.4	0.0	37.8	0.0	0.5	0.0	0.0	8.8	0.0	10.5
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	7.8	40.6	0.0	0.0	0.0	0.0	0.0	0.0	1.7	17.5	0.0
15	6.8	0.0	12.2	0.0	11.9	0.0	0.0	0.0	0.0	1.9	0.0	2.7
16	0.0	0.0	0.0	27.7	0.0	0.0	0.0	0.0	0.0	0.8	0.0	14.2
17	0.0	2.0	23.8	4.5	0.0	0.0	10.1	0.0	0.0	0.0	0.0	18.3
18	17.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	25.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	8.4	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0
21	20.5	30.7	6.9	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	55.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
23	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7
26	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
27	0.0	0.0	0.0	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	2.6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
31	0.0		0.0		0.0		0.0	0.0		0.0		37.5

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Laclo	125.908333	-8.555833	175

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.7	0.0	0.0	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	7.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2
3	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	30.5	0.0	0.0	0.0	3.9	0.0	0.0	0.0	4.4	0.0	0.0	0.0
5	30.3	0.0	3.7	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	2.5
6	11.9	0.0	3.1	0.0	1.8	22.8	0.0	0.0	0.0	0.0	0.0	2.1
7	0.0	0.0	0.3	26.8	0.0	24.9	0.0	0.0	0.0	0.0	0.0	0.0
8	10.7	0.0	0.0	11.3	0.0	0.0	2.2	0.0	0.0	0.0	0.0	7.9
9	11.4	40.6	0.0	0.8	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.5
10	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
11	18.5	0.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	15.8	0.0	0.0	0.0	0.0	0.0	76.6	0.0	0.0	0.0	0.0	0.0
13	10.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.4	8.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0
15	0.0	11.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
16	9.6	15.8	0.0	0.0	4.0	0.0	0.0	0.0	0.0	5.6	14.2	0.5
17	0.9	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
18	2.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
19	55.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.2
20	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	4.1	16.8	0.0	0.0	40.1	12.4	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	7.6	0.0	0.0	0.0	68.1	26.4	0.0	0.0	0.0	0.0	0.0
23	1.6	5.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	4.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	8.5	0.4	0.0	0.0	0.0	0.0	42.6	1.9
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	8.8
27	0.0	16.0	19.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	2.9
28	25.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
29	47.7		0.0	0.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	6.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
31	2.5		0.0		0.0		0.0	0.0		0.0		2.7

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	5.3	0.0	4.9	12.2	0.0	0.0	0.0	0.0	0.0	0.0	5.4
2	0.0	72.0	0.0	1.8	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.9
4	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9
6	0.0	1.2	6.6	0.0	10.0	0.9	0.0	0.0	0.0	0.0	0.0	18.2
7	0.0	0.0	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
8	0.0	0.0	1.4	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.6
9	0.0	0.0	0.0	15.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	1.9	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	1.7	20.1	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.7
13	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	46.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.8	0.0	16.9	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0
17	13.2	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	1.2	38.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	6.1	0.0	0.0	7.4	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
21	13.7	0.0	0.0	0.0	0.0	42.8	0.0	0.0	0.0	0.0	0.0	0.0
22	0.3	45.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	4.1	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	27.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.5
26	0.0	95.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.2
27	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.9	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
29	0.0		0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0
30	1.9		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5
31	0.9		0.0		0.0		0.0	0.0		0.0		6.9

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Laclubar	125.909720	-8.750890	1,100

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.7	61.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.5	20.3	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	20.2	30.6	20.1	0.0	0.0	0.0	0.0	0.0	0.0	14.6	0.0	31.2
4	20.3	19.6	5.1	0.0	0.0	0.0	0.0	1.1	0.0	23.5	0.0	0.0
5	0.0	20.5	2.1	46.6	3.1	0.0	0.0	0.0	0.0	0.0	15.2	1.0
6	7.3	20.9	3.2	39.4	2.1	0.0	3.9	5.1	0.0	0.0	2.5	23.5
7	10.5	3.1	3.2	29.1	4.1	0.0	4.2	4.9	4.1	0.0	36.8	0.0
8	3.1	0.3	9.7	25.6	30.1	0.0	0.0	3.2	0.0	0.0	44.8	6.9
9	0.0	19.3	9.3	4.1	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.6	4.2	0.0	0.0	2.1	0.0	0.0	0.0	0.0	21.0
11	0.0	0.4	0.0	47.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
12	2.1	10.3	3.1	2.1	4.7	11.4	2.5	0.0	0.0	0.0	0.0	14.0
13	4.6	1.7	0.4	0.0	1.2	4.1	5.1	0.0	0.0	0.0	0.0	3.8
14	1.3	0.5	2.1	0.0	2.4	0.0	0.0	0.0	0.5	0.0	0.0	20.3
15	2.1	1.2	4.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
16	2.5	0.2	8.0	0.0	3.1	0.0	0.0	0.0	0.9	0.0	8.6	7.5
17	6.8	6.4	2.1	20.2	7.5	0.0	0.0	0.0	0.0	0.0	0.0	5.6
18	0.1	50.6	20.7	20.1	0.0	0.0	0.0	0.0	0.0	0.0	13.7	57.7
19	0.2	27.1	20.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0	23.0	1.0
20	1.3	5.4	24.5	8.1	2.6	0.0	0.0	0.0	0.0	12.5	8.0	0.0
21	0.2	3.1	5.1	18.3	2.7	0.0	0.0	1.2	0.0	2.1	26.1	25.3
22	2.1	22.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0
23	9.5	5.1	30.2	0.0	0.0	0.0	7.3	0.0	0.0	5.0	0.0	0.0
24	6.6	1.7	50.4	5.1	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0
25	3.3	2.4	13.3	9.7	0.0	7.4	0.0	0.0	0.0	20.1	6.0	0.0
26	0.0	8.6	30.4	4.1	0.0	5.1	4.7	0.0	0.0	0.5	27.6	5.0
27	0.0	0.6	70.4	2.1	0.0	0.0	0.0	0.0	0.0	16.5	22.4	0.0
28	3.5	1.2	44.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	0.0
29	0.0		3.1	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.2		5.3	0.0	1.2	0.0	4.6	0.0	0.0	0.0	0.0	0.0
31	5.0		5.1		0.0		0.5	0.0		0.0		19.3

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.0	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	12.0	56.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
3	20.1	1.2	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
4	35.2	20.0	33.3	1.2	10.1	10.0	0.2	0.0	0.0	0.0	0.0	0.0
5	12.8	0.9	73.8	0.6	54.8	0.0	6.0	0.0	0.0	0.0	0.0	0.9
6	13.2	80.8	6.3	1.7	1.2	0.0	3.0	0.0	0.0	0.0	0.0	13.5
7	13.3	33.0	12.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	40.6	3.2	0.0	1.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0
9	2.5	41.9	50.6	0.3	12.6	0.0	0.0	0.0	0.0	0.0	0.0	7.6
10	8.9	6.7	40.9	0.2	13.8	0.0	0.3	0.4	0.0	0.0	0.0	2.2
11	3.1	20.1	0.0	1.6	68.4	0.3	0.0	0.0	0.0	0.0	0.0	23.1
12	0.6	14.6	37.6	15.1	4.7	0.2	0.0	0.0	0.0	31.7	0.0	9.4
13	20.1	0.2	4.5	2.5	4.3	0.5	0.0	0.0	0.0	0.2	0.0	0.0
14	0.0	0.7	9.6	6.3	14.0	0.4	0.0	0.0	0.0	0.0	33.6	0.3
15	0.0	0.5	2.1	0.0	14.9	0.0	0.0	0.3	0.0	5.6	0.0	51.0
16	0.0	0.6	7.8	5.3	1.0	0.0	9.6	0.0	0.0	1.5	0.0	19.2
17	17.9	19.4	1.1	0.0	0.3	0.0	12.7	0.4	0.0	0.2	0.0	0.0
18	15.6	12.5	0.0	0.0	0.0	1.5	12.1	0.0	0.0	0.0	1.8	1.7
19	0.0	14.6	0.4	0.2	0.0	4.0	0.0	0.0	0.0	0.0	0.0	32.7
20	60.0	10.5	0.5	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.7	5.4
21	0.0	4.8	0.8	0.0	3.0	0.6	0.0	0.0	0.0	0.0	0.7	0.0
22	0.0	8.4	31.2	2.4	10.3	0.7	0.0	0.0	0.0	0.0	0.2	6.0
23	0.5	0.8	5.9	7.4	1.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
24	15.2	0.9	25.1	0.4	0.0	0.5	0.0	0.0	0.0	0.0	0.7	40.0
25	0.0	80.3	5.6	10.3	11.2	0.6	0.0	0.0	0.0	0.0	3.2	5.2
26	0.0	7.9	0.5	28.2	22.1	0.3	0.0	0.0	10.2	0.0	0.0	0.0
27	0.0	40.7	2.9	40.8	1.0	0.0	0.0	0.0	8.3	0.3	0.0	45.5
28	0.0	26.9	0.0	13.7	1.3	0.4	2.8	0.0	13.8	0.0	0.0	0.0
29	0.0	0.3	11.5	0.0	0.8	0.5	0.0	0.0	0.0	0.0	10.6	0.0
30	0.0		12.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	19.4	0.0
31	0.0		0.0		0.5		0.0	0.0		0.0		30.5

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Laclubar	125.909720	-8.750890	1,100

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	20.0	31.0	0.0	0.6	0.0	3.4	6.7	0.0	1.8	0.0	9.9	0.0
2	10.2	10.8	10.5	0.0	0.0	3.0	0.8	0.0	0.0	0.0	0.0	2.0
3	0.0	20.9	8.0	0.0	10.0	22.0	0.0	0.0	0.0	0.0	0.0	35.7
4	17.0	0.0	0.0	5.6	5.5	0.0	0.0	0.0	17.0	0.0	0.0	20.0
5	50.4	0.0	0.0	25.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	43.6
6	5.0	0.0	9.9	10.2	9.5	4.1	0.0	0.0	9.0	0.0	0.0	48.7
7	36.0	10.1	4.2	0.0	0.0	61.1	0.0	0.0	0.0	0.0	0.0	7.4
8	50.3	10.0	28.2	54.0	0.0	7.8	29.5	0.0	0.0	0.0	0.0	18.4
9	11.4	0.0	17.6	12.0	0.0	0.0	26.8	0.0	0.0	0.0	0.0	1.2
10	20.7	2.0	15.1	0.5	0.2	3.1	24.6	0.0	0.0	0.0	6.2	20.0
11	0.5	0.0	10.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0
12	33.1	0.0	5.0	0.0	0.0	0.0	71.8	0.0	0.0	0.0	0.0	7.3
13	65.7	5.0	40.4	0.0	0.0	0.0	7.3	0.0	0.0	0.0	3.6	0.4
14	0.9	0.0	46.6	0.0	0.5	0.0	10.0	0.0	0.0	31.0	77.5	0.0
15	0.0	55.1	10.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	31.7	41.2
16	1.0	39.6	7.5	0.2	16.1	0.0	0.0	0.0	0.0	46.2	0.0	44.2
17	0.0	9.9	0.0	0.0	1.2	0.0	0.0	0.0	0.0	53.8	3.6	0.0
18	0.0	65.3	0.4	0.0	7.1	0.0	0.0	0.0	0.0	0.0	29.7	0.0
19	0.0	47.9	0.0	4.6	13.4	0.0	0.0	0.0	0.0	0.0	0.0	43.4
20	6.7	23.4	0.0	10.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	38.5
21	0.0	0.0	0.0	0.0	63.7	41.0	0.0	0.0	0.0	0.0	1.1	2.0
22	0.0	11.6	4.1	0.0	0.0	35.1	7.0	0.0	0.0	0.0	23.2	23.1
23	29.5	6.4	0.0	0.2	0.7	4.2	3.1	0.0	0.0	0.0	16.0	0.0
24	0.6	0.0	0.0	0.0	17.9	42.3	0.0	0.0	0.0	0.0	5.7	0.0
25	0.5	0.0	0.0	0.0	60.0	1.2	0.0	0.5	0.0	0.0	77.7	20.6
26	40.0	0.0	42.4	0.0	0.0	0.0	0.0	0.0	0.0	24.4	20.8	22.6
27	0.5	0.0	7.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.3
28	4.9	1.8	0.0	1.6	3.9	0.0	0.0	0.0	0.0	0.0	56.9	0.0
29	42.3		20.9	0.0	24.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0
30	26.9		0.0	3.5	1.6	9.2	1.2	0.0	0.0	0.0	25.9	9.0
31	1.5		30.0		0.5		0.0	0.0		0.0		25.7

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	18.0	7.5	0.0	0.0	18.6	0.0	3.3	0.0	0.0	0.0	0.0	3.2
2	20.5	21.4	10.0	13.5	0.0	2.0	0.2	0.0	0.0	0.0	0.0	37.5
3	19.0	0.4	14.0	0.5	0.0	4.2	0.0	0.0	0.0	0.0	0.0	7.8
4	18.9	0.3	8.0	0.0	0.0	5.0	2.7	0.2	0.0	0.0	0.0	0.0
5	3.2	0.3	13.0	0.0	0.0	7.3	0.0	0.5	0.0	0.0	0.0	36.1
6	0.0	0.0	13.1	0.0	8.4	17.7	1.5	0.4	0.0	0.0	0.0	51.0
7	0.0	0.0	35.0	0.2	0.0	16.5	0.0	0.0	0.0	0.0	0.0	10.0
8	0.0	4.3	60.0	33.1	0.0	19.0	0.0	0.4	0.0	0.0	0.0	3.1
9	18.3	0.0	40.0	72.4	17.0	6.8	0.0	0.0	0.0	0.0	0.0	48.6
10	0.0	0.0	29.9	13.0	5.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	38.5	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
12	0.0	12.9	27.7	0.0	2.0	0.2	0.2	0.0	0.0	0.0	0.0	32.5
13	8.1	14.2	1.9	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.3	0.6	39.1	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.9
15	0.0	5.3	34.0	2.7	1.4	0.0	0.5	0.0	0.0	0.0	0.0	36.6
16	0.0	0.0	0.6	32.5	0.0	10.2	1.2	0.0	0.0	0.0	50.0	4.3
17	0.0	1.3	1.6	2.4	5.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	7.0	0.0	0.0	10.0	0.2	1.5	0.0	0.0	0.0	0.0	0.3
19	0.0	9.5	22.0	0.0	10.0	1.2	1.1	0.0	0.0	0.0	0.5	0.0
20	2.5	0.4	2.0	17.3	8.1	21.0	0.0	0.0	0.0	0.0	0.0	0.0
21	7.9	22.3	0.0	0.0	0.0	84.8	0.0	0.0	0.0	0.0	0.0	0.0
22	9.2	59.9	1.8	0.0	3.6	0.5	0.0	0.0	0.0	0.0	18.7	22.8
23	0.5	0.0	0.0	0.8	10.8	0.2	0.0	0.0	0.0	0.0	0.0	30.0
24	2.0	13.8	23.7	0.0	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	34.5	30.0	15.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5
26	0.0	18.6	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
27	0.0	0.0	0.0	0.0	14.0	0.7	0.0	0.0	0.0	0.0	0.0	50.5
28	1.4	0.0	0.0	0.0	10.0	0.0	5.0	0.0	0.0	0.0	0.0	43.8
29	0.0		9.0	20.4	0.0	1.3	6.3	0.0	0.0	0.0	0.0	0.0
30	2.0		12.8	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.6		3.2		2.6		1.3	0.0		0.0		1.9

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Soibada	125.920830	-8.827780	680

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	120.6	18.4	15.4	14.4	16.8	8.4	0.0	0.0	0.0	0.0	0.0	0.0
2	50.8	17.1	11.5	9.5	12.2	15.9	0.0	0.0	0.0	0.0	0.0	0.0
3	50.6	14.8	12.0	18.2	12.2	8.3	0.0	0.0	0.0	16.1	0.0	10.8
4	14.4	9.1	13.1	12.5	19.2	3.3	0.0	6.5	0.0	20.5	0.0	1.4
5	9.5	4.6	0.0	9.0	8.5	0.0	0.0	0.6	0.0	0.2	1.2	0.0
6	18.6	2.0	0.0	3.5	8.1	0.0	0.0	0.0	1.3	5.3	0.0	15.4
7	4.1	0.0	0.0	0.0	3.2	0.0	0.0	6.6	4.5	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.7	40.5
9	0.0	19.8	12.2	0.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	5.2
10	0.0	16.0	15.4	17.4	0.0	18.2	0.0	0.0	0.0	0.0	0.0	3.9
11	12.6	13.6	9.1	12.3	0.0	13.1	0.0	0.0	0.0	0.0	3.7	2.4
12	5.3	7.4	5.2	18.2	10.6	15.2	0.0	0.0	0.0	0.0	0.0	26.6
13	14.6	12.2	0.0	13.7	13.8	13.3	0.0	0.0	0.5	0.0	0.0	38.7
14	0.0	11.8	0.0	8.8	15.5	9.2	0.0	0.0	0.8	38.2	0.0	31.4
15	0.0	12.6	0.0	12.8	10.2	14.3	0.0	0.0	0.0	0.0	0.0	4.4
16	0.0	10.0	17.2	7.0	13.8	12.7	0.0	0.0	0.0	0.0	8.2	21.0
17	0.0	5.3	14.7	3.9	14.5	9.1	0.0	0.0	0.0	0.0	1.2	32.0
18	0.0	1.0	6.2	0.0	9.4	4.7	0.0	0.0	0.0	0.0	0.0	50.0
19	12.3	0.0	7.2	0.0	9.2	1.2	0.0	0.0	0.0	0.0	76.0	3.2
20	12.0	17.2	15.4	15.6	4.2	0.0	0.0	0.4	0.0	7.5	2.6	7.3
21	12.9	15.5	20.3	11.4	1.0	0.0	0.0	1.3	0.0	3.6	47.5	71.0
22	10.1	10.2	12.9	13.4	0.0	0.0	0.0	0.6	0.0	1.1	3.1	0.0
23	5.5	11.9	12.7	16.5	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0
24	0.0	11.1	13.7	11.4	16.3	13.9	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	6.0	11.8	9.0	16.7	14.9	0.0	0.0	0.0	3.5	4.2	0.0
26	0.0	1.0	12.5	4.0	12.0	13.6	0.0	0.0	0.0	0.0	31.0	0.0
27	0.0	0.0	5.3	16.2	12.2	16.3	0.0	0.0	0.0	0.0	66.3	0.0
28	0.0	0.0	6.7	9.1	14.9	10.4	0.0	0.0	0.0	0.0	7.2	0.0
29	0.0		0.0	3.5	10.3	6.5	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	2.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.3		75.4

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.4	21.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	64.4	29.1	14.4	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0
3	8.6	11.7	18.5	0.0	0.0	20.1	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	13.3	0.0	29.0	32.6	0.0	0.0	0.0	0.0	0.0	0.0
5	26.4	0.0	5.8	0.0	35.7	3.1	20.5	0.0	0.0	0.0	0.0	16.1
6	5.0	17.8	6.8	3.2	30.4	0.0	9.7	0.0	0.0	0.0	0.0	10.7
7	9.7	41.8	15.4	6.9	10.3	0.0	0.0	0.0	0.0	0.0	0.0	32.1
8	0.6	13.5	30.1	0.0	21.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	25.6	85.2	0.0	19.1	0.0	0.0	0.0	0.0	29.5	0.0	0.0
10	1.3	22.1	38.8	3.3	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	51.9	0.0	9.3	4.8	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	14.5	18.4	12.5	0.0	0.0	0.0	0.0	0.0	0.0	30.1
13	12.6	0.0	25.1	2.1	15.3	0.0	0.0	0.0	0.0	0.0	0.0	34.2
14	0.0	18.3	0.0	13.1	26.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	2.8	0.0	21.7	40.6	0.0	0.0	0.0	0.0	0.0	0.0	26.1
16	0.0	0.0	0.0	7.3	0.0	0.0	16.5	0.0	0.0	0.0	0.0	20.2
17	3.5	3.6	0.0	0.0	0.0	0.0	28.2	0.0	0.0	0.0	0.0	0.0
18	0.0	7.5	0.0	0.0	0.0	3.5	13.6	0.0	0.0	0.0	0.0	30.1
19	19.3	7.6	10.1	0.0	0.0	10.4	0.0	0.0	0.0	0.0	14.2	0.0
20	61.4	6.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	3.2
21	0.0	20.6	0.0	40.1	4.4	0.0	0.0	0.0	0.0	0.0	10.2	0.0
22	0.0	49.4	0.0	10.3	31.9	0.0	0.0	0.0	0.0	0.0	25.2	0.0
23	5.7	0.0	6.5	0.0	16.5	0.0	0.0	0.0	0.0	0.0	0.0	10.1
24	15.6	9.4	14.5	0.0	2.4	0.0	0.0	0.0	0.0	12.8	0.0	10.3
25	8.9	10.1	0.0	5.7	23.0	0.0	0.0	0.0	0.0	2.7	16.5	0.0
26	0.0	32.4	14.1	46.2	50.9	0.0	0.0	0.0	2.3	14.3	0.0	0.0
27	18.1	1.1	0.0	1.5	10.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
28	30.3	6.0	0.0	24.4	20.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0
29	0.4	16.3	18.1	0.5	1.4	0.0	3.2	0.0	0.0	0.0	0.0	0.5
30	0.0		7.5	0.0	76.0	0.0	0.0	0.0	0.0	0.0	0.0	30.7
31	0.0		0.0		0.0		0.0	0.0		0.0		47.5

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Soibada	125.920830	-8.827780	680

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	75.1	0.5	3.4	0.0	0.0	1.5	0.0	0.0	0.0
2	10.1	15.2	8.0	75.3	0.9	40.2	0.0	0.0	0.0	0.0	0.0	0.0
3	70.4	0.0	6.5	0.0	10.1	21.3	0.0	0.0	0.0	0.0	0.0	0.0
4	58.1	0.0	3.3	0.0	0.9	3.4	0.0	0.0	0.0	0.0	0.0	2.6
5	80.3	0.0	16.2	19.1	11.1	0.0	0.0	0.0	0.0	0.0	0.0	5.6
6	0.0	0.0	10.5	8.9	50.4	85.6	1.6	0.0	0.0	0.0	0.0	0.4
7	0.0	0.0	10.3	0.0	0.0	17.7	6.3	0.0	0.0	0.0	0.0	11.4
8	0.0	0.0	25.9	75.0	0.0	3.7	8.6	0.0	0.0	0.0	7.1	5.4
9	0.0	0.0	66.4	10.1	0.0	0.0	14.3	0.0	0.0	0.0	0.9	0.0
10	2.1	0.0	30.1	10.4	0.0	0.0	6.8	0.0	0.0	0.0	10.5	0.0
11	0.2	35.1	31.2	0.0	0.8	0.8	17.9	0.0	0.0	0.0	0.0	14.1
12	66.2	35.4	75.8	0.0	1.0	0.0	14.6	0.0	0.0	0.0	0.0	1.0
13	66.4	0.0	40.0	0.0	0.0	0.0	40.6	0.0	0.0	0.0	0.0	8.5
14	0.0	0.0	20.4	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	9.0
15	0.0	41.2	20.0	0.0	0.0	0.0	1.5	0.0	0.0	11.7	5.3	10.1
16	1.5	54.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	1.5	7.2
17	67.3	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6
18	0.0	31.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4
19	23.6	28.1	0.0	10.3	1.4	0.0	0.0	0.0	0.0	0.0	20.2	0.6
20	0.0	0.0	0.0	7.3	0.0	0.2	0.0	0.0	0.0	0.0	4.1	3.2
21	0.0	75.8	0.0	0.5	0.0	1.2	0.0	0.0	0.0	0.0	7.2	0.1
22	65.4	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	11.4	11.1
23	65.1	0.0	0.0	0.0	75.0	0.7	0.5	0.0	0.0	0.0	4.8	0.0
24	6.1	0.0	4.9	0.0	76.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	10.2	0.0	0.0	0.0	83.5	0.0	0.0	0.0	0.0	0.0	12.2	0.0
26	0.0	0.0	0.0	1.4	0.0	0.0	0.0	10.2	0.0	0.0	0.6	0.0
27	0.0	0.0	0.0	0.7	0.0	0.0	0.0	8.0	0.0	0.0	2.1	3.6
28	0.5	0.0	45.5	20.3	9.2	0.0	0.0	0.0	0.0	0.0	3.6	13.5
29	9.1		41.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	18.3
30	10.0		20.9	0.0	3.2	0.0	0.0	0.0	0.0	0.0	18.4	20.3
31	15.3		19.2		4.1		0.0	0.0		0.0		0.0

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3.5	6.2	0.0	0.0	0.6	10.4	0.0	0.0	0.0	0.0	0.0	10.4
2	7.7	0.0	10.0	0.0	3.0	10.2	0.0	0.0	0.0	0.0	0.0	0.3
3	0.3	0.0	0.0	0.0	1.2	10.0	0.4	0.0	0.0	0.0	0.0	0.0
4	0.4	0.0	0.0	0.0	0.0	9.1	1.3	0.0	0.0	0.0	0.0	5.3
5	0.0	0.0	0.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	6.7
6	0.5	0.0	9.1	0.0	0.0	10.6	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	5.0	4.7	6.1	12.5	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	18.0	7.4	0.9	20.8	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	2.2	14.2	0.0	9.5	0.0	0.0	0.0	0.0	0.0	1.5
10	0.0	0.0	2.0	10.3	20.1	13.0	0.0	0.0	0.0	0.0	0.0	2.1
11	0.0	71.8	8.5	0.4	8.1	0.0	0.0	0.0	0.0	0.0	0.0	12.3
12	0.0	10.9	7.6	8.1	0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.5
13	0.0	0.0	0.0	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.2
14	0.0	12.0	10.5	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
15	0.0	10.1	0.1	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	7.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
17	0.0	4.2	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
18	1.2	1.3	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	2.3	10.0	20.7	0.0	16.3	10.8	0.0	0.0	0.0	0.0	0.0	0.0
20	4.3	8.0	0.0	19.7	10.2	15.3	0.0	0.0	0.0	0.0	1.1	0.1
21	0.0	0.5	0.0	16.7	0.0	16.5	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	7.1	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2.0	0.0
23	0.0	19.1	0.0	0.7	7.5	0.1	0.0	0.0	0.0	0.0	0.0	1.1
24	27.7	8.1	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	2.4
25	0.1	13.6	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	14.4	7.4	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
27	0.0	0.0	0.0	0.0	10.5	1.7	0.0	0.0	0.0	0.0	0.0	4.2
28	0.0	0.0	0.0	5.3	0.0	0.1	0.8	0.0	0.0	0.0	0.0	0.0
29	8.0		0.0	2.1	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.2
30	4.3		0.6	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	2.5
31	9.1		0.0		0.0		1.0	0.0		0.0		15.2

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Turiscai	125.705278	-8.822500	1,179

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	17.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	81.0	50.3	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
5	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	10.0	0.0	35.2	55.0	0.0	16.4	5.0	0.0	0.0	0.0	12.3
8	0.0	0.0	0.0	60.0	46.0	0.0	9.4	11.4	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	47.4	32.0	0.0	0.0	0.0	0.0	0.0	0.0	65.9
10	0.0	13.0	0.0	45.0	95.5	0.0	0.0	0.0	0.0	0.0	0.0	30.1
11	0.0	25.3	0.0	20.2	75.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	75.0	0.0	31.3	22.0	25.0	0.0	0.0	0.0	0.0	0.0	66.0
13	0.0	0.0	0.0	15.2	0.0	21.3	0.0	0.0	0.0	0.0	0.0	55.0
14	0.0	0.0	0.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0
15	0.0	0.0	0.0	59.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135.0
16	14.1	0.0	22.0	41.5	36.0	0.0	5.0	0.0	0.0	0.0	7.6	0.0
17	0.0	0.0	62.2	61.2	55.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	21.1	24.0	74.0	30.0	0.0	0.0	0.0	0.0	0.0	15.0	14.2
19	43.5	0.0	0.0	92.1	79.0	0.0	0.0	0.0	0.0	0.0	43.0	44.4
20	0.0	43.2	0.0	93.4	20.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
21	0.0	0.0	120.0	67.2	15.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
22	0.0	11.2	50.0	46.3	0.0	0.0	15.3	0.0	0.0	13.7	0.0	0.0
23	0.0	51.0	37.0	47.0	0.0	0.0	0.0	0.0	0.0	25.0	16.0	0.0
24	0.0	0.0	56.0	43.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	38.2	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	25.4	9.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	34.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	25.0	23.4
28	12.5	0.0	72.0	31.2	0.0	41.0	0.0	0.0	0.0	16.0	0.0	0.0
29	0.0		24.2	0.0	0.0	39.0	0.0	0.0	0.0	0.0	33.0	38.5
30	0.0		32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0
31	0.0		0.0		0.0		0.0	0.0		0.0		30.4

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	37.2	0.0	49.4	32.4	15.2	0.0	0.0	0.0	0.0	0.0	0.0
2	5.2	50.4	0.0	0.0	29.6	24.3	0.0	0.0	0.0	0.0	0.0	0.0
3	3.2	24.1	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	45.0	4.3	14.6	0.0	52.4	45.5	0.0	0.0	0.0	0.0	0.0	0.0
5	60.0	0.0	40.5	0.0	34.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	11.2	7.2	30.2	0.0	27.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	2.0	1.1	131.1	0.0	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	71.0	46.5	50.1	0.0	57.1	0.0	0.0	0.0	0.0	0.0	0.0	15.4
9	0.0	13.3	6.0	0.0	72.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2
10	10.9	24.5	29.7	0.0	20.2	0.0	0.0	0.0	0.0	0.0	0.0	7.0
11	0.0	5.3	5.2	0.0	20.5	0.0	0.0	0.0	0.0	0.0	0.0	25.1
12	0.0	0.0	41.0	11.2	20.4	0.0	0.0	0.0	0.0	0.0	0.0	13.5
13	7.2	0.0	7.2	0.0	66.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1
14	0.0	15.5	3.0	0.0	47.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	9.1	0.0	84.3	0.0	0.0	0.0	0.0	0.0	0.0	30.3
16	0.0	0.0	0.0	0.0	40.7	0.0	0.0	0.0	0.0	0.0	0.0	14.0
17	22.7	2.8	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	73.1
18	7.0	1.5	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0
19	38.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.1
21	0.0	49.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2
22	17.8	60.2	0.0	0.0	21.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	15.5	5.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	28.4
24	21.0	0.0	0.0	18.4	56.3	0.0	0.0	0.0	0.0	0.0	0.0	42.1
25	2.0	11.3	15.3	40.8	26.4	0.0	0.0	0.0	0.0	12.3	0.0	7.0
26	0.0	20.1	0.0	21.4	11.4	0.0	0.0	0.0	11.4	0.0	15.2	0.0
27	0.0	40.5	0.0	0.0	44.7	0.0	0.0	0.0	7.2	0.0	0.0	10.2
28	0.0	17.0	0.0	0.0	34.3	0.0	0.0	0.0	18.0	0.0	0.0	0.0
29	0.0	11.3	29.4	0.0	21.6	0.0	0.0	0.0	0.0	0.0	22.1	81.2
30	0.0		0.0	0.0	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		30.1		28.2		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Turiscai	125.705278	-8.822500	1,179

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	107.1	0.0	0.0	0.0	0.0	0.0	39.7	0.0	0.0	0.0	25.3	8.4
2	116.2	98.2	0.0	15.2	0.0	0.0	17.1	0.0	0.0	0.0	64.6	79.1
3	5.4	19.0	0.0	75.0	0.0	0.0	4.1	0.0	0.0	0.0	62.4	101.1
4	130.0	0.0	0.0	0.0	18.6	0.0	0.0	0.0	0.0	0.0	59.6	34.2
5	42.5	0.0	0.0	50.3	27.0	0.0	2.0	0.0	0.0	0.0	56.7	28.1
6	25.0	11.2	0.0	0.0	35.4	14.2	33.4	0.0	0.0	0.0	34.8	36.2
7	46.3	35.1	0.0	10.0	7.1	6.0	168.1	0.0	0.0	0.0	38.8	89.2
8	28.0	0.0	0.0	0.0	2.2	25.0	311.2	0.0	0.0	0.0	42.8	38.7
9	11.4	12.4	0.0	0.0	33.6	32.4	0.0	0.0	0.0	0.0	96.7	24.8
10	37.0	3.0	0.0	13.0	42.4	17.1	0.0	0.0	0.0	0.0	142.3	14.5
11	0.0	40.1	0.0	25.3	20.3	45.4	0.0	0.0	0.0	0.0	90.7	13.4
12	8.0	13.1	0.0	73.3	5.2	21.4	21.2	0.0	0.0	0.0	42.6	46.3
13	35.1	25.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	134.6	4.3
14	0.0	34.4	0.0	0.0	32.8	36.1	352.7	0.0	0.0	0.0	23.4	41.2
15	95.4	2.0	0.0	0.0	72.3	33.4	71.4	0.0	0.0	0.0	16.4	31.3
16	22.5	20.0	0.0	0.0	0.0	45.0	53.9	0.0	0.0	0.0	107.3	0.5
17	18.0	47.2	0.0	0.0	28.1	20.2	34.8	0.0	0.0	0.0	22.3	1.3
18	0.0	4.0	0.0	21.1	7.2	15.0	27.3	0.0	0.0	0.0	1.1	2.7
19	19.2	5.0	0.0	0.0	21.5	41.4	34.8	0.0	0.0	0.0	56.2	0.0
20	31.1	36.0	0.0	43.2	0.0	27.0	11.1	0.0	0.0	0.0	30.6	0.0
21	14.3	7.0	0.0	0.0	54.1	11.1	31.2	0.0	0.0	0.0	81.6	0.0
22	75.0	36.0	0.0	11.2	11.0	30.4	0.0	0.0	0.0	0.0	56.6	6.7
23	10.1	16.0	0.0	54.0	2.4	17.2	0.0	0.0	0.0	0.0	105.7	57.0
24	30.0	0.0	0.0	0.0	37.2	25.4	15.3	0.0	0.0	0.0	13.8	52.2
25	25.3	103.2	0.0	0.0	67.0	42.1	27.2	0.0	0.0	0.0	26.3	96.2
26	35.1	15.0	0.0	0.0	17.5	11.5	31.2	0.0	0.0	0.0	47.8	34.8
27	21.4	46.7	0.0	0.0	46.2	34.2	45.5	0.0	0.0	0.0	73.1	40.2
28	1.0	15.0	0.0	0.0	24.3	21.0	33.4	0.0	0.0	0.0	6.6	56.1
29	83.2		25.2	0.0	33.8	44.1	23.2	0.0	0.0	0.0	12.1	78.0
30	30.4		11.0	0.0	0.0	12.4	21.2	0.0	0.0	0.0	12.9	30.5
31	24.4		36.4		0.0		24.5	0.0		0.0		2.1

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	39.7	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	17.1	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	6.1	50.0	14.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	14.0	0.0	0.0	34.3	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	32.0	73.1	0.0	9.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	17.4	0.0	0.0	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	41.0	0.0	4.1	3.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	3.0	6.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	2.0	46.0	11.4	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	41.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	30.0	0.0	15.2	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	21.0	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	47.0	44.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	19.2
14	8.0	6.3	0.0	31.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0	11.0
15	0.0	23.0	0.0	15.0	0.0	7.0	0.0	0.0	0.0	0.0	15.2	5.0
16	0.0	11.0	15.6	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1
17	13.0	31.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	16.4
18	10.0	0.0	23.3	11.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	13.1
19	3.0	0.0	20.2	14.0	20.2	0.0	0.0	0.0	0.0	0.0	0.0	7.2
20	7.5	0.0	19.3	23.0	11.1	29.1	0.0	0.0	0.0	0.0	0.0	18.1
21	9.5	0.0	21.1	27.0	25.0	16.3	0.0	0.0	0.0	0.0	0.0	10.4
22	21.0	15.2	20.0	22.0	7.1	17.0	0.0	0.0	0.0	0.0	0.0	21.2
23	0.0	27.0	31.5	6.0	31.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	31.0	17.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2
25	0.0	45.0	0.0	0.0	5.4	11.2	0.0	0.0	0.0	0.0	0.0	7.0
26	0.0	33.0	0.0	0.0	2.0	25.0	0.0	0.0	0.0	0.0	0.0	19.2
27	0.0	20.0	0.0	0.0	0.0	16.1	0.0	0.0	0.0	0.0	0.0	15.0
28	0.0	26.8	0.0	0.0	11.2	14.1	0.0	0.0	0.0	0.0	0.0	11.0
29	14.3		0.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	6.1
30	0.0		0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	21.0
31	0.0		0.0		0.0		0.0	0.0		0.0		30.1

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Noc-Heno	124.410994	-9.278011	177

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										0.0	0.0	0.0
2										0.0	0.0	21.3
3										0.0	0.0	0.0
4										0.0	0.0	11.2
5										0.0	0.0	30.9
6										2.5	0.0	42.5
7										0.0	0.0	60.8
8										0.0	6.6	20.5
9										0.0	11.4	46.2
10										0.0	20.1	42.2
11										0.0	15.5	15.5
12										0.0	26.3	0.0
13									0.0	0.0	0.0	0.0
14									0.0	0.0	0.0	0.0
15									0.0	44.6	0.1	7.5
16									0.0	0.0	0.0	4.1
17									0.0	0.0	0.0	15.7
18									0.0	0.0	4.5	0.0
19									0.0	0.0	6.5	9.4
20									0.0	0.0	0.0	17.4
21									0.0	20.3	0.0	26.8
22									0.0	12.4	2.4	73.3
23									0.0	10.5	0.0	0.0
24									0.0	5.4	0.0	0.7
25									0.0	0.0	0.0	0.0
26									0.0	0.0	31.0	0.0
27									0.0	0.0	2.5	0.0
28									0.0	0.0	9.5	0.0
29									0.0	0.0	5.4	8.6
30									0.0	0.0	10.6	15.9
31										0.0		0.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22.9	44.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	18.2	47.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	29.2	42.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	20.4	63.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	16.8	70.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7
9	7.4	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9
10	70.6	73.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	50.2	0.0	18.6	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	17.6
12	0.0	0.0	19.7	0.0	36.9	0.0	0.0	0.0	0.0	0.0	0.0	5.9
13	0.0	0.0	23.3	0.0	19.6	0.0	0.0	0.0	0.0	0.0	18.3	25.5
14	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	4.5	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.8	0.0
17	0.0	0.0	24.1	0.0	0.0	0.0	4.3	0.0	0.0	0.0	20.5	19.3
18	0.0	0.0	79.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6
19	10.5	6.8	56.6	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3
20	8.7	15.3	104.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	11.7
21	65.6	4.8	112.1	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7
22	66.8	0.0	64.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	4.4
23	59.4	0.0	41.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2
24	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
25	0.0	5.5	0.0	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	5.4	5.1	0.0	28.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	3.1	0.0	0.0	28.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	9.9	4.1	0.0	9.7	0.0	0.0	0.0	0.0	19.2	0.0	24.8	23.9
30	27.7		16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.9
31	40.8		0.0		0.0		0.0	0.0		0.0		12.5

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Noc-Heno	124.410994	-9.278011	177

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.9	0.1	68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.7	0.0
2	18.6	0.0	35.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	30.3	22.4	50.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	43.9	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1
5	46.0	0.0	96.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9
6	32.1	0.0	51.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.3
7	35.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.6
8	69.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	17.4
9	86.5	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	0.0	22.2
10	70.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5
11	41.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.7
12	46.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.9
13	61.9	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	74.1	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	21.5	0.0	0.0
15	67.1	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.2	30.7	12.8
16	22.5	26.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	14.2
17	7.1	40.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	18.6	10.4
18	0.0	30.9	18.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	25.6
19	0.0	47.7	0.0	0.0	21.6	0.0	0.0	0.0	0.0	0.0	0.0	47.5
20	0.0	58.7	0.0	0.0	15.4	0.0	0.0	0.0	0.0	0.0	0.0	60.0
21	0.0	64.6	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1
22	0.0	86.7	0.0	0.0	28.5	112.1	0.0	0.0	0.0	0.0	14.5	0.0
23	0.0	90.7	0.0	0.0	36.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	80.4	0.0	0.0	0.0	24.8	0.0	0.0	0.0	0.0	15.9	0.0
25	5.2	46.8	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	28.4	0.0
26	0.0	32.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	14.3	34.0	0.0	0.0	0.0	31.7	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	33.6	97.3	0.0	0.0	33.8	0.0	0.0	0.0	0.0	0.0	18.6
29	0.0		0.0	0.0	0.0	67.5	0.0	0.0	0.0	19.7	0.0	15.9
30	-		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.7
31	-		0.0		0.0		0.0	0.0		0.0		33.4

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.2	40.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	32.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
4	0.0	38.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	14.5	42.8	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	30.8	0.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0
7	19.6	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.3
8	0.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7
9	0.0	39.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.1
10	0.0	44.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2
11	0.0	46.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	5.2	52.2	0.0	0.0	0.0	0.0	24.8	0.0	0.0	0.0	0.0	32.4
13	0.0	45.5	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	16.3
14	0.0	44.4	0.0	28.7	0.0	0.0	18.1	0.0	0.0	0.0	0.0	17.8
15	18.9	345.9	0.0	43.5	0.0	0.0	0.0	0.0	0.0	0.0	15.4	26.3
16	23.7	60.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	18.5
17	8.5	29.8	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	16.9	38.4	19.2	0.0	19.3	0.0	0.0	0.0	0.0	0.0	0.0	23.8
19	20.3	29.9	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3
20	0.0	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.1
21	37.4	28.3	0.0	24.3	0.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	0.0
23	53.4	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	35.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1
25	47.2	0.0	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6
26	38.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.3	36.3
27	64.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.9	0.0
28	44.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.5
29	41.6		0.0	14.6	0.0	0.0	0.0	0.0	0.0	0.0	16.4	43.9
30	48.5		0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	19.8	71.1
31	56.0		0.0		0.0		0.0	0.0		0.0		52.3

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Oesilo	124.384176	-9.352115	474

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1										0.0	0.0	0.0
2										0.0	0.0	0.0
3										0.0	0.0	0.0
4										6.5	0.0	0.0
5										2.2	0.0	0.0
6										7.1	0.0	0.0
7										0.0	0.0	0.0
8										0.0	0.0	3.5
9										0.0	18.6	1.3
10										0.0	20.6	65.9
11										0.0	0.0	44.5
12										0.0	0.0	10.3
13									0.0	0.0	0.0	0.0
14									0.0	0.0	0.0	7.2
15									0.0	5.3	0.0	0.0
16									0.0	0.0	30.1	6.5
17									0.0	0.0	0.0	0.0
18									0.0	0.0	9.8	3.9
19									0.0	0.0	0.0	0.0
20									0.0	0.0	0.0	0.0
21									0.0	8.7	0.0	1.2
22									0.0	0.0	0.0	8.1
23									0.0	0.0	0.0	0.0
24									0.0	0.0	0.0	9.3
25									0.0	0.0	0.0	1.4
26									0.0	0.0	0.0	0.0
27									0.0	0.0	4.9	0.0
28									0.0	0.0	0.0	14.4
29									0.0	0.0	0.0	4.7
30									0.0	0.0	0.0	6.9
31										0.0		3.5

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	26.8	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	1.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	71.3	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	6.5	68.5	0.0	0.0	0.0	0.0	0.0	0.0	47.7	0.0	0.0
6	80.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.7	0.0
7	76.9	1.1	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	39.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	42.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0
10	8.9	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0
11	3.4	1.5	6.2	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	2.9	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	1.0	65.7	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0	0.0
15	0.0	0.0	33.5	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	3.6	8.7	14.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	20.5	4.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	33.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	9.4	0.0	0.0	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.3
25	30.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5	0.0
26	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	20.6	0.0	0.0	0.0	0.0	9.4	0.0	0.0	6.8
28	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0
29	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	7.5	9.4	0.0	5.8
30	5.6		26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	8.3		0.0		0.0		0.0	0.0		0.0		0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Oesilo	124.384176	-9.352115	474

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	36.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	8.5	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9
4	0.0	0.0	9.8	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	25.0	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	3.8	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	44.5	0.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8
8	0.0	16.7	0.0	30.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	6.5	0.0	5.6	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	8.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	5.3	5.2	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	0.0
13	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	13.5
14	12.4	45.9	15.6	0.0	0.0	0.0	0.0	0.0	0.0	23.7	0.0	0.0
15	0.0	4.2	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	16.5	7.8	8.3	0.0	0.0	0.0	0.0	0.0	36.9	21.0	6.7
17	39.8	54.5	0.0	0.0	15.2	0.0	0.0	0.0	0.0	38.5	12.0	0.0
18	0.0	0.0	28.4	40.5	3.2	0.0	0.0	0.0	0.0	0.0	24.8	3.9
19	5.9	55.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	48.6	17.5	6.5	7.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	5.6
21	15.1	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	4.5	52.4	0.0	0.0	7.9	83.5	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	17.4	34.5	12.3	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	38.6	8.5	0.0	0.0	14.5	0.0	0.0	0.0	0.0	6.6	0.0
25	0.0	7.9	0.0	0.0	0.0	15.1	0.0	0.0	0.0	0.0	11.9	28.5
26	0.0	28.4	9.0	6.4	17.5	0.0	0.0	0.0	0.0	0.0	0.0	56.4
27	0.0	5.6	0.0	0.0	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	37.5	45.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6
29	34.3		0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	4.2		6.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	2.3		4.1		6.8		0.0	0.0		0.0		4.3

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.8	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	30.7	25.6	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	12.1	2.2	0.0	0.0	16.8	0.0	0.0	0.0	0.0	
9	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	15.6	0.0	28.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	26.3	32.9	43.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	115.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	4.4	45.7	0.0	59.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	
18	36.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	25.3	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	56.1	6.9	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	18.6	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	29.4	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	57.5	0.0	0.0	12.3	0.0	0.0	0.0	0.0	0.0	
24	0.0	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	6.5	8.1	46.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	4.9		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	27.8		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Lacluta	126.211111	-8.837778	108

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	41.4	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	34.5	0.0	7.3	0.0	43.4	0.0	0.0	0.0	0.0	0.0	0.0	20.0
4	31.1	0.0	0.0	0.0	55.7	0.0	0.0	0.0	0.0	47.4	0.0	28.9
5	0.0	46.7	60.5	46.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	8.6	68.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	5.5	0.0	0.0	28.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	5.3	0.0	63.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9
9	0.0	10.0	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.8
10	0.0	0.0	35.2	10.3	0.0	0.0	26.7	0.0	0.0	0.0	0.0	48.8
11	0.0	12.6	82.7	45.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	55.1	0.0	0.0	0.0	40.3	0.0	0.0	0.0	0.0	0.0	101.2
13	0.0	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.4
14	0.0	0.0	20.9	11.5	51.2	0.0	0.0	0.0	0.0	0.0	0.0	79.3
15	6.5	1.0	40.7	18.1	0.0	0.0	0.0	0.0	0.0	17.6	0.0	79.3
16	10.0	0.0	75.1	0.0	24.9	0.0	0.0	0.0	0.0	0.0	51.2	121.3
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139.2
18	7.8	0.0	28.4	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5
19	0.0	0.0	7.4	28.8	0.0	0.0	0.0	0.0	0.0	7.6	0.0	67.1
20	0.0	0.0	17.4	56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.1
21	0.0	7.0	0.0	75.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.1
22	69.7	23.5	46.6	49.2	0.0	0.0	0.0	0.0	0.0	0.0	21.2	77.6
23	17.7	1.5	32.2	40.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134.7
24	0.0	43.0	24.6	60.9	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	20.1	0.0	52.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	22.2	0.0	0.0	5.8	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	69.3	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		26.2	0.0	0.0	14.2	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		2.0	0.0	0.0	0.0	20.5	0.0	0.0	0.0	0.0	0.0
31	0.0		1.1		0.0		0.0	0.0		0.0		40.4

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	10.4	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	20.2	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	70.6	0.0	9.0	0.0	0.0	10.5	5.1	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	36.9	0.0	15.0	0.0	0.0	0.0	0.0	0.0
5	66.4	0.0	0.0	0.0	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	30.3	0.0	14.7	11.7	0.0	0.0	0.0	0.0	0.0	0.0	2.2
7	0.0	10.0	22.1	0.0	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	25.7	90.8	30.0	0.0	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	26.1	0.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	20.0	0.0	16.9	0.0	0.0	0.0	0.0	0.0	0.0	6.2
11	0.0	0.0	85.0	13.4	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	28.3	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.7	0.0	5.8	0.0	0.0	0.0	0.0	24.9
14	57.1	30.7	0.0	0.0	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	39.0	0.0	0.0	23.2	0.0	0.0	0.0	0.0	1.1	0.0	28.8
16	0.0	0.0	0.0	0.0	24.5	0.0	12.1	0.0	0.0	0.0	0.0	46.6
17	0.0	20.1	0.0	0.0	1.2	0.0	22.7	0.0	0.0	0.0	0.0	0.0
18	52.3	20.3	0.0	0.0	0.0	20.5	1.4	0.0	0.0	0.0	18.9	2.9
19	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	1.1	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.7
21	58.5	0.0	26.9	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	10.3	0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	100.3	24.7	3.0	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	15.0	0.0	30.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	30.0	5.4	0.0	0.0	0.0	0.0	34.5	0.0	18.8
27	0.0	20.0	3.4	4.0	5.1	0.0	0.0	0.0	0.0	5.8	0.0	6.4
28	0.0	80.1	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	28.4
29	0.0	10.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	22.3
30	20.6		0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	8.8
31	0.0		0.0		0.0		0.0	0.0		0.0		13.3

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Lacluta	126.211111	-8.837778	108

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22.8	0.0	0.0	0.0	0.0	16.1	0.0	0.0	0.0	0.0	0.0	8.3
2	2.5	0.0	31.8	2.4	0.0	20.9	0.0	0.0	0.0	0.0	0.0	4.3
3	6.2	0.0	0.0	0.0	9.8	25.9	2.2	0.0	0.0	0.0	0.0	48.4
4	88.2	0.0	14.7	0.0	0.0	13.1	0.0	0.0	0.0	0.0	0.0	0.0
5	16.2	0.0	0.0	0.0	0.0	3.8	6.5	0.0	0.0	0.0	0.0	91.1
6	5.1	0.0	16.7	8.1	0.0	100.6	0.0	0.0	0.0	0.0	0.0	0.0
7	6.1	0.0	43.2	4.0	18.8	136.3	77.5	0.0	0.0	0.0	0.0	0.0
8	15.6	0.0	23.1	0.9	0.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0
9	17.4	0.0	0.0	0.0	0.0	0.0	95.0	0.0	0.0	0.0	0.0	0.0
10	17.1	22.8	0.0	0.0	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0
11	70.0	0.0	0.0	0.0	70.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	13.3	0.0	27.8	0.0	29.6	0.0	211.7	0.0	0.0	0.0	0.0	0.0
13	30.7	0.0	0.0	0.0	40.6	0.0	4.0	0.0	0.0	0.0	10.6	0.0
14	90.1	0.0	0.0	0.0	0.0	0.0	24.9	0.0	0.0	64.2	15.2	0.0
15	28.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.3	0.0
17	118.2	11.4	0.0	4.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	20.8
18	2.9	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	30.5
19	32.6	5.8	0.0	0.0	70.7	0.0	0.0	0.0	0.0	0.0	22.8	10.9
20	4.0	0.0	0.0	39.9	0.0	0.0	0.0	0.0	0.0	0.0	27.2	0.0
21	7.2	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	67.6	39.1	0.0	0.0	0.0	13.0	0.0
23	40.3	0.0	0.0	0.0	0.0	32.5	0.0	0.0	0.0	0.0	0.0	0.0
24	101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.2	0.0
25	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	2.7
26	20.8	21.4	19.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	80.9	0.0
27	0.0	0.0	0.0	0.9	0.0	1.3	0.0	0.0	0.0	0.0	20.1	0.0
28	10.5	0.0	0.0	0.0	12.3	0.0	22.6	0.0	0.0	0.0	21.1	0.0
29	0.0		0.0	0.3	25.1	5.6	0.0	0.0	0.0	0.0	2.6	0.0
30	33.7		0.0	1.1	51.5	0.0	0.0	0.0	0.0	0.0	14.2	0.0
31	44.8		0.0		4.4		0.0	0.0		0.0		0.0

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8
3	0.0	6.8	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	4.1
4	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	128.9
6	0.0	54.1	0.0	0.0	0.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	30.1	23.7	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	13.8
9	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
11	0.0	0.0	0.0	0.0	4.1	0.0	8.1	0.0	0.0	0.0	0.0	3.2
12	0.0	0.0	0.0	50.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8
14	30.1	0.0	0.0	7.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
15	8.1	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	29.1	30.5	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
17	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	35.0	16.7	2.1	0.0	2.6	1.5	0.0	0.0	0.0	0.0	0.0	22.6
19	4.4	39.1	0.0	15.2	0.0	69.4	0.0	0.0	0.0	0.0	0.0	0.0
20	13.3	9.4	0.0	0.0	9.0	66.1	0.0	0.0	0.0	0.0	0.0	2.1
21	14.1	0.0	0.0	0.0	27.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0
22	7.4	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	25.7
23	0.0	23.3	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
24	1.1	5.6	0.0	0.0	43.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	9.1	0.0	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	49.9
27	2.0	24.0	0.0	0.0	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	5.9	0.0	2.2	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	1.0	0.0	26.3	5.1	0.0	0.0	0.0	0.0	0.0
30	3.0		0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	7.9
31	1.0		0.0		0.0		0.0	0.0		0.0		89.5

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Ossu	126.384444	-8.744722	660

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	35.4	2.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	27.8	33.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	17.0	0.0	2.1	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	47.8	0.0	5.6	0.0	0.0	0.0	0.0	2.3	0.0	20.2	0.0	0.0
5	4.8	2.7	6.5	43.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	27.8	16.3	34.0	77.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	3.6	39.2	0.0	0.0	27.5	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	15.3	28.4	0.0	0.0	4.1	0.0	0.0	0.0	54.5
9	0.0	1.7	42.8	9.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	25.5
10	0.0	0.0	0.0	28.5	24.1	0.0	0.0	0.0	0.0	0.0	0.0	6.0
11	0.0	5.5	4.0	2.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	32.9	2.2	0.0	80.4	0.0	0.0	0.0	0.9	0.0	0.0	16.5
13	0.0	0.0	0.0	0.0	5.9	0.0	8.1	0.0	0.4	0.0	0.0	18.5
14	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.1
15	15.9	0.0	0.0	58.2	0.0	0.0	1.8	0.0	0.0	0.0	0.0	9.1
16	30.7	0.0	9.7	0.0	36.1	0.0	4.1	0.0	0.0	0.0	0.0	16.5
17	3.4	1.6	2.9	5.1	0.0	0.0	0.0	0.0	0.0	0.0	10.5	18.3
18	17.4	0.0	11.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	7.5	10.8
19	15.9	0.0	16.9	7.8	0.0	0.0	0.0	0.0	0.0	0.0	8.5	20.8
20	0.0	15.7	9.1	70.5	22.5	0.0	0.0	0.0	0.0	0.0	8.4	20.8
21	0.0	20.8	0.8	60.8	0.0	0.0	0.0	0.0	0.0	0.0	4.6	31.8
22	0.0	5.8	19.7	28.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
23	26.5	1.2	38.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6
24	0.0	19.8	55.0	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	7.1	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0
26	14.3	0.0	71.8	38.9	0.0	28.6	0.0	0.0	0.0	0.0	9.9	0.0
27	0.0	0.0	6.3	1.6	0.0	0.0	4.8	0.0	0.0	0.0	7.8	0.0
28	16.4	0.0	1.5	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0
29	2.3		10.6	0.0	8.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		25.9	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	14.0		2.0		0.0		0.0	0.0		4.1		0.0

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.7	16.2	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	10.9	9.2	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	21.5	30.4	0.0	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	20.5	0.0	41.6	0.0	40.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	5.0	2.4	15.6	8.9	8.0	0.0	0.0	0.0	0.0	0.0
6	30.2	53.4	8.0	0.0	32.1	0.0	4.5	0.0	0.0	0.0	0.0	0.0
7	0.0	82.6	20.0	0.0	58.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
8	0.0	25.5	45.7	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	33.4	20.9	0.0	63.3	0.0	6.7	0.0	0.0	0.0	0.0	0.0
10	0.0	11.7	0.0	4.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	16.2
11	23.4	0.0	0.0	3.1	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	68.6	5.6	14.9	0.0	0.0	0.0	0.0	0.0	0.0	50.0
13	27.3	0.0	2.6	1.4	32.3	0.0	1.2	0.0	0.0	0.0	0.0	1.6
14	0.0	36.6	0.0	3.4	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	11.2	11.6	0.0	93.2	0.0	0.0	0.0	0.0	0.0	0.0	17.5
16	20.6	0.0	0.0	5.8	16.5	0.0	0.0	0.0	0.0	0.0	0.0	29.3
17	0.0	1.0	6.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	2.3	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	16.1
19	1.3	9.1	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0
20	60.2	52.8	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	0.0	1.6
21	0.0	9.3	0.0	0.0	1.1	0.0	4.2	0.0	0.0	0.0	0.0	16.7
22	0.0	2.4	0.0	0.0	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	5.1	0.0	33.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.8
24	20.6	8.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	29.1	0.0	25.5	62.0	0.0	10.4	0.0	0.0	0.0	0.0	0.0
26	0.0	1.3	0.0	34.7	19.1	0.0	7.3	0.0	0.0	43.9	0.0	0.0
27	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	28.2	0.0	0.0	10.8	13.3	0.0	8.1	0.0	0.0	0.0	0.0	0.0
29	3.6	0.0	48.7	0.9	51.8	0.0	5.8	0.0	0.0	0.0	0.0	23.6
30	0.0		0.0	0.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	40.9
31	0.0		0.0		4.2		0.0	0.0		0.0		14.3

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Ossu	126.384444	-8.744722	660

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	63.7	3.7	0.0	1.5	0.7	10.6	6.3	0.0	0.0	0.0	0.0	61.1
2	18.8	8.6	8.4	3.8	0.0	0.0	2.5	0.0	10.2	0.0	0.0	17.8
3	22.6	17.3	57.6	0.0	1.7	20.5	0.0	0.0	0.3	0.0	0.0	17.4
4	16.5	0.0	27.4	2.3	37.8	10.4	6.2	0.0	14.9	0.0	0.0	25.1
5	51.8	0.0	0.0	13.8	15.0	6.7	24.2	0.0	2.1	0.0	0.0	2.3
6	15.5	0.0	0.0	15.3	2.0	0.0	20.0	0.0	0.0	0.0	0.0	2.1
7	0.0	0.0	0.0	10.6	0.0	276.1	10.3	0.0	0.0	0.0	0.0	1.2
8	11.3	0.0	0.0	21.4	0.0	42.9	144.3	0.0	0.0	0.0	0.0	0.0
9	1.2	0.0	0.0	3.2	0.0	0.9	22.0	0.0	0.0	0.0	0.0	0.0
10	4.5	33.1	56.1	0.7	0.8	6.3	9.0	0.0	0.0	0.0	0.0	20.1
11	17.3	19.7	38.6	5.9	0.0	12.8	182.5	0.0	0.0	0.0	0.0	1.6
12	30.1	50.0	43.7	0.0	4.2	1.1	6.8	0.0	0.0	0.0	0.0	1.0
13	21.3	2.6	1.2	0.0	14.3	0.0	13.8	0.0	0.0	0.0	0.0	0.0
14	2.0	0.0	34.9	0.0	1.8	0.0	13.3	0.0	0.0	12.2	29.1	0.0
15	0.0	0.0	3.6	2.1	0.0	0.0	0.0	0.0	0.0	1.5	7.2	0.0
16	6.2	20.3	0.0	4.3	4.1	0.0	0.0	0.0	0.0	8.2	0.0	0.0
17	14.7	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	24.4	17.5	0.0	5.7	4.2	0.0	0.0	0.0	0.0	0.0	0.8	0.0
19	10.1	2.6	0.0	1.3	10.0	0.3	0.0	0.0	0.0	0.0	0.6	0.0
20	10.0	15.0	0.0	9.4	3.5	4.1	0.0	0.0	0.0	0.0	3.9	32.3
21	0.0	0.0	0.0	0.0	1.4	1.0	0.0	0.0	0.0	0.0	4.1	7.3
22	0.0	0.0	0.0	0.0	0.0	21.8	16.7	0.0	0.0	0.0	44.7	0.0
23	21.6	0.0	1.2	0.0	40.0	0.5	3.1	0.0	0.0	0.0	6.0	1.7
24	0.0	8.1	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.4	2.2
25	6.3	3.4	0.0	0.0	15.3	35.3	0.0	0.0	0.0	0.0	31.9	6.2
26	0.0	0.0	4.6	0.0	80.8	0.0	0.0	0.0	0.0	0.0	2.3	8.4
27	9.2	17.3	0.0	9.3	5.0	0.0	0.0	0.0	0.0	0.0	28.2	0.0
28	2.7	0.0	2.6	1.5	4.4	0.0	0.0	0.0	0.0	0.0	16.4	0.0
29	23.6		0.0	1.0	24.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	1.8	2.9	14.6	0.0	0.0	0.0	0.0	2.4	2.6
31	21.9		8.5		10.3		0.0	0.0		0.0		25.2

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.1	3.9	0.0	0.8	2.5	13.1	2.4	0.0	0.0	0.0	0.0	4.2
2	4.9	38.2	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	1.2	0.0	0.0	10.1	2.6	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	1.2	0.0	0.0	4.9	0.9	0.0	0.0	0.0	0.0	135.2
5	0.0	1.6	12.1	0.0	0.0	19.6	0.0	3.2	0.0	0.0	0.0	37.1
6	0.0	1.4	8.0	0.0	0.0	84.6	2.4	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	1.7	13.7	4.0	79.0	0.0	3.7	0.0	0.0	0.0	6.9
8	0.0	0.0	33.0	0.0	6.2	93.8	0.0	0.0	0.0	0.0	0.0	4.3
9	0.0	0.0	7.0	20.8	4.2	41.3	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	20.6	0.0	16.1	4.2	0.0	0.0	0.0	0.0	0.0	6.8
11	0.0	0.9	2.1	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5
12	3.0	0.0	8.0	0.8	0.0	0.0	0.0	3.2	0.0	0.0	0.0	43.6
13	14.5	6.7	8.2	24.2	10.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
14	13.9	0.0	10.8	16.9	0.0	0.0	2.1	0.0	0.0	0.0	0.0	44.6
15	0.0	7.8	3.8	0.0	5.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0
16	0.0	3.4	0.0	1.6	0.9	19.6	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.9
18	10.7	53.9	22.8	2.3	17.9	1.1	0.0	0.0	0.0	0.0	0.0	3.2
19	2.8	1.1	81.1	11.9	46.6	31.2	5.8	0.0	0.0	0.0	0.0	0.0
20	14.2	0.0	0.0	9.5	2.3	65.2	0.9	0.0	0.0	0.0	0.0	0.0
21	3.2	7.9	0.0	6.9	9.1	101.9	0.0	0.0	0.0	0.0	0.0	0.0
22	19.4	6.5	0.0	8.2	6.3	0.0	0.0	0.0	0.0	0.0	19.2	0.0
23	7.6	3.4	0.0	0.0	36.4	0.0	0.0	0.0	0.0	0.0	0.0	18.7
24	17.2	0.0	0.0	0.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0	15.4
25	3.2	19.7	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	10.0	36.0	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	26.7
27	13.3	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	13.7
28	3.2	0.0	0.0	0.0	0.7	19.2	31.6	0.0	0.0	0.0	0.0	12.4
29	1.1		0.0	0.0	0.0	2.6	2.8	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7
31	0.0		0.0		0.0		0.0	0.0		0.0		13.2

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Bebui	126.549100	-8.784900	24

Year 2011 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1									0.0	0.0	0.0	0.0
2									0.0	0.0	0.0	0.0
3									0.0	0.0	0.0	0.0
4									0.0	0.0	0.0	0.0
5									0.0	0.0	0.0	0.0
6									79.0	0.0	17.1	17.5
7									10.0	0.0	0.0	6.8
8									0.0	0.0	0.0	0.0
9									0.0	0.0	0.0	10.0
10									0.0	0.0	0.0	0.0
11									0.0	0.0	1.6	16.9
12									0.0	0.0	0.0	11.2
13									0.0	0.0	0.0	15.3
14									0.0	0.0	0.0	17.4
15									0.0	0.0	0.0	21.4
16									0.0	0.0	0.0	0.0
17									0.0	0.0	0.0	0.6
18									0.0	0.0	12.1	1.7
19									0.0	0.0	0.0	7.0
20									0.0	3.9	0.0	56.3
21									0.0	3.0	0.0	35.7
22									0.0	0.0	0.0	18.2
23									0.0	0.4	0.0	11.8
24								0.0	0.0	0.0	0.0	0.0
25								0.1	0.0	0.0	15.9	0.0
26								37.0	0.0	0.0	1.5	0.0
27								0.0	0.0	0.0	0.0	0.0
28								0.0	0.0	0.0	0.0	0.0
29								0.0	0.0	0.0	0.0	0.0
30								0.0	0.0	0.0	0.0	0.4
31								0.0		8.5		8.7

Year 2012 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.1	0.0	22.6	0.0	35.6	0.0	12.6	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
3	3.9	41.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
4	0.0	0.0	14.3	0.0	6.5	103.1	72.8	0.0	0.0		0.0	0.0
5	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
6	6.5	0.0	16.5	0.0	96.3	0.0	0.0	0.0	0.0		0.0	0.0
7	0.0	12.2	24.6	0.0	0.0	0.0	0.0	9.2	0.0		0.0	0.0
8	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
9	0.0	0.0	0.0	6.5	0.0	34.5	0.0	0.0	0.0		0.0	0.0
10	0.0	0.0	0.0	19.5	17.7	12.3	50.0	0.0	0.0		0.0	0.0
11	0.0	0.0	2.3	14.3	0.0	0.0	0.9	0.0	0.0		0.0	0.0
12	45.1	0.0	92.0	8.2	97.2	0.0	0.7	0.0	0.0		0.0	0.0
13	0.0	0.0	0.0	17.6	0.0	67.6	0.0	0.0	0.0		0.0	0.0
14	0.0	39.9	0.0	15.3	0.0	0.0	32.6	0.0	0.0		0.0	0.0
15	0.0	11.3	13.7	24.8	46.2	0.0	0.6	0.0	0.0		0.0	0.0
16	13.3	0.0	0.0	16.8	105.7	0.0	0.0	0.6	0.0		0.0	0.0
17	0.0	3.4	3.5	0.0	0.0	0.0	8.9	0.0	0.0		0.0	0.0
18	0.0	15.3	0.0	0.0	0.0	54.7	0.0	0.0	0.0		0.0	0.0
19	0.8	19.2	1.3	0.0	0.0	0.0	27.3	0.0	0.0		0.0	0.0
20	0.0	0.0	4.3	0.0	67.5	0.0	0.0	0.0	0.0		0.0	0.0
21	10.7	0.0	7.3	0.0	78.5	0.0	0.0	0.0	0.0		0.0	0.0
22	15.2	0.0	18.2	14.5	0.0	0.0	5.6	0.0	0.0		0.0	0.0
23	0.0	0.0	0.0	0.6	0.0	0.0	53.2	0.0	0.0		0.0	0.0
24	21.8	27.8	0.0	0.0	0.0	42.3	0.0	0.0	0.0		0.0	0.0
25	0.0	0.0	14.3	0.0	0.0	16.9	0.0	0.0	0.0		0.0	13.7
26	0.0	0.0	23.2	14.9	0.0	0.0	8.5	0.0	0.0		0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
28	2.7	0.0	0.0	26.7	0.7	0.0	0.0	0.0	0.0		0.0	0.0
29	0.0	0.0	0.0	33.1	0.0	83.5	0.0	0.0	0.0		0.0	1.4
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	35.6
31	0.0		0.0		0.5		0.0	0.0				0.0

Rainfall Data (DNCQA)

Station Name	Coordination		
	Longitude	Latitude	Elevation
Bebui	126.549100	-8.784900	24

Year 2013 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	13.6	0.0	0.0	0.0	58.6	0.0	0.0	0.0	4.7	0.0	0.0
2	7.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	18.9	2.6	34.6	0.0	0.0	131.6	6.2	0.0	0.0	3.1	0.0	0.0
4	37.6	0.0	27.3	8.5	85.4	47.7	0.0	0.0	0.0	0.0	0.0	0.0
5	5.1	0.0	0.8	0.0	15.0	25.3	4.7	0.0	0.0	4.3	15.8	41.8
6	4.8	0.0	0.0	12.1	12.6	0.0	3.2	0.0	0.0	9.0	0.0	29.9
7	0.0	0.0	0.0	0.0	0.0	171.6	11.5	0.0	0.0	0.0	0.0	2.7
8	1.7	0.0	28.3	7.5	0.0	9.5	105.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	2.5	0.0	0.0	0.0	78.5	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	23.6	42.5	0.0	0.0	12.5	0.0	0.0	0.0	0.0	48.3
11	0.0	0.0	0.0	0.0	0.0	12.3	5.2	0.0	0.0	0.0	0.0	0.0
12	19.8	0.0	0.0	0.3	28.6	0.0	108.1	0.0	0.0	0.0	0.0	0.0
13	1.9	0.0	3.6	0.0	0.0	0.0	0.7	0.0	4.5	0.0	0.0	0.0
14	0.0	2.1	18.4	0.0	0.0	0.0	21.9	0.0	40.7	0.0	0.8	0.0
15	3.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0
16	15.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	26.9
17	21.6	19.1	0.0	0.0	11.7	0.0	0.0	0.0	0.0	0.0	0.0	34.2
18	50.8	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
19	57.6	0.0	0.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.5
20	0.0	0.0	0.0	38.2	36.7	6.2	0.6	0.0	0.0	0.0	5.7	0.0
21	0.0	0.0	0.0	1.2	0.0	86.3	0.0	0.0	0.0	0.0	0.0	41.1
22	7.1	0.0	0.0	0.0	0.0	15.4	25.5	0.0	0.0	0.0	0.0	0.0
23	18.2	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0
25	11.7	0.0	0.0	0.0	117.8	50.0	0.0	2.5	0.0	0.0	11.7	1.7
26	8.8	57.4	0.0	0.0	2.7	0.0	0.0	0.3	0.0	0.0	11.8	12.7
27	60.4	0.0	3.1	17.8	14.4	0.0	0.0	0.7	0.0	0.0	16.1	0.0
28	0.0	0.0	2.6	4.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	59.4		0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.6	0.0
30	0.7		4.5	0.0	0.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		19.0		12.6		0.0	0.0		0.0		0.0

Year 2014 — Unit:mm

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.0	71.1	0.0	0.7	0.0	5.8	43.5	27.7	0.0	0.0	0.0	25.7
2	0.0	0.0	0.0	31.2	0.0	58.9	2.4	6.2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	13.4	3.6	69.4	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	41.3
5	0.0	0.0	0.0	63.2	0.0	39.1	0.0	0.7	0.0	0.0	0.0	26.2
6	31.3	0.0	0.0	0.0	31.5	88.3	5.2	13.3	0.0	0.0	0.0	0.0
7	3.6	0.0	0.0	0.0	7.4	48.7	0.0	7.8	0.0	0.0	0.0	0.7
8	17.4	0.0	0.0	0.0	2.2	32.1	0.0	1.3	0.0	0.0	0.0	3.7
9	0.2	0.0	0.0	0.0	21.2	38.9	0.0	0.0	0.0	0.0	0.0	0.0
10	32.8	5.8	0.0	0.0	59.7	0.0	0.0	0.0	0.0	0.0	0.0	6.9
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
12	77.4	0.0	0.0	4.7	6.2	0.0	4.8	0.6	0.0	0.0	0.0	54.3
13	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
14	0.0	0.3	4.8	2.6	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	59.0	0.0	12.6	0.0	0.0	0.0	44.8	0.0	0.0	0.0	0.0	0.0
16	0.0	20.2	25.7	17.4	0.0	30.5	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	38.4	46.3	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0
18	0.0	13.7	60.4	0.0	58.6	0.7	1.7	0.0	0.0	0.0	0.0	18.8
19	0.0	41.9	32.9	0.0	34.7	57.1	0.0	0.0	0.0	0.0	0.0	5.8
20	17.4	0.0	0.0	59.3	74.9	60.0	0.8	0.0	0.0	0.0	0.0	11.7
21	7.6	75.8	0.0	8.7	20.5	90.9	8.1	0.0	0.0	0.0	0.0	7.6
22	53.5	0.0	0.0	1.9	6.3	0.0	0.0	0.0	0.0	0.0	0.0	36.2
23	25.7	0.0	0.0	0.0	81.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	48.1
25	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	72.9	0.0	0.0	0.0	72.8	0.0	0.0	0.0	0.0	0.0	0.0	2.9
27	0.0	0.0	0.0	0.0	13.9	0.7	0.0	0.0	0.0	0.0	0.0	25.9
28	0.0	0.0	0.0	0.0	0.0	0.0	63.2	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	1.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.8

Appendix 4 Example of Cost Estimation

(1) Halecou Irrigation Scheme

Halecou Irrigation Scheme Bill of Quantity (1/3)

No.	Work Description	Unit	Quantity	Unit Price (US$)	Total (US$)
1. Preparatory Work					
1-1.	Mobilization (Transportation) to Site				
(1)	Excavator (0.45m3)	trip	2	1,500.00	3,000
(2)	Excavator (0.10m3)	trip	2	750.00	1,500
(3)	Bulldozer (4 ton class)	trip	1	1,500.00	1,500
(4)	Roller Compactor (4 ton)	trip	1	1,500.00	1,500
(5)	Dump Truck (4 ton)	trip	2	135.69	271
(6)	Water Tank Truck	trip	2	158.28	317
(7)	Agitator truck (3.2m3)	trip	1	176.76	177
(8)	Concrete Pump Truck (30m3/hr)	trip	1	148.46	148
(9)	Crane Truck (Hydraulic, 20ton)	trip	1	189.12	189
(10)	Concrete Mixer etc.	trip	1	1,500.00	1,500
(11)	Others	trip	2	1,500.00	3,000
1-2.	Site Office etc.	set	1	24,445.00	24,445
1-3.	Site Clearing (Cutting & Clearing of Grass, Bushes)	m2	2,500	0.24	600
1-4.	Transportation of Labor	day	90	72.00	6,480
1-5.	Demobilization (Transportation) from Site				
(1)	Excavator (0.45m3)	trip	2	1,500.00	3,000
(2)	Excavator (0.10m3)	trip	2	750.00	1,500
(3)	Bulldozer (4 ton class)	trip	1	1,500.00	1,500
(4)	Roller Compactor (4 ton)	trip	1	1,500.00	1,500
(5)	Dump Truck (4 ton)	trip	2	135.69	271
(6)	Water Tank Truck	trip	2	158.28	317
(7)	Agitator truck (3.2m3)	trip	1	176.76	177
(8)	Concrete Pump Truck (30m3/hr)	trip	1	148.46	148
(9)	Crane Truck (Hydraulic, 20ton)	trip	1	189.12	189
(10)	Concrete Mixer etc.	trip	1	1,500.00	1,500
(11)	Others	trip	2	1,500.00	3,000
2. Temporary Work					
2-1.	Temporary Road (Gravel Pavement)				
(1)	Embankment with Compaction	m3	4,288	7.20	30,874
(2)	Concrete Pipe (Dia. 600mm * 10m)	unit	3	1,534.40	4,603
(3)	Sand Bag	m3	2	105.95	212
(4)	Gravel	m3	285	36.04	10,271
(5)	Gravel Pavement	m3	285	4.59	1,308
2-2.	Cofferdam				
(1)	Embankment with Compaction for Cofferdam	m3	3,900	7.20	28,080
(2)	Sand Bag	m3	758	105.95	80,310
2-3.	Dewatering (by Pumping System)	day	60	75.74	4,544
				Sub-total	**217,931**

Halecou Irrigation Scheme Bill of Quantity (2/3)

No.	Work Description	Unit	Quantity	Unit Price (US$)	Total (US$)
2. Temporary Work					
2-4.	Removal of Cofferdam				
(1)	Removal for Cofferdam	m3	3,900	3.75	14,625
(2)	Removal for Sand Bag	m3	758	3.75	2,843
3. Earth Work					
3-1.	Common Excavation for Chipping (Existing Intake & Canal)				
		m3	1,680	10.11	16,985
3-2.	Chipping Work for Existing Intake & Existing Canal (Excavator 0.4m3)				
		m3	367	14.69	5,391
3-3.	Common Excavation for Construction of Intake & Spillway				
		m3	488	7.83	3,821
3-4.	Backfill for Intake & Spillway	m3	1,861	2.10	3,908
3-5.	Embankment with Compaction	m3	840	7.20	6,048
3-6.	Sand Bag for Slope Protection	m3	586	105.95	62,087
3-7.	Excavation for Banking Material (Soil) from Borrow Pit	m3	4,300	7.83	33,669
3-8.	Loading & Transportation of Banking Material (Soil) from Borrow Pit				
		m3	4,300	4.28	18,404
3-9.	Loading & Transportation of Surplus Soil to Borrow Pit	m3	4,300	4.28	18,404
3-10.	Backfill of Surplus Soil at Borrow Pit	m3	4,300	0.89	3,827
3-11.	Transportation & Dispose of Chipping Material (Concrete & Reinforcement Bar)				
		m3	367	85.00	31,195
4. Concrete Work (Intake & Connecting Canal)					
4-1.	Concrete Type-A (fc' = 22.5 Mpa)	m3	995	140.35	139,648
4-2.	Reinforcement Bar	ton	78	1,425.70	111,205
4-3.	Form	m2	1,483	20.44	30,313
4-4.	Lean Concrete	m3	82	126.30	10,357
4-5.	Gravel (Leveling)	m3	123	36.04	4,433
4-6.	Gravel Pavement (Leveling)	m3	123	2.25	277
4-7.	Supply and Installing Hand Rail, GSP Pipe dia. 2.5 inch	m	40	18.70	748
4-8.	Gate Facilities				
(1)	Supply and Installing Slide Gate (B2.00 * H2.00)	unit	1	10,000	10,000
(2)	Supply and Installing Slide Gate (B2.00 * H1.85)	unit	1	9,000	9,000
(3)	Other Gate Facilities	set	1	30,000	30,000
4-9.	Concrete Block	unit	1,921	185.14	355,691
5. Canal Work (Main Canal)					
5-1.	Common Excavation	m3	14,100	7.83	110,403
5-2.	Embankment with Compaction (Manual Work)	m3	14,100	3.51	49,491
5-3.	Concrete Type-A (fc' = 22.5 Mpa)	m3	1,858	149.46	277,697
				Sub-total	**1,360,470**

Halecou Irrigation Scheme Bill of Quantity (3/3)

No.	Work Description	Unit	Quantity	Unit Price (US$)	Total (US$)
5. Canal Work (Main Canal)					
5-4.	Reinforcement Bar	ton	29	1,425.70	41,345
5-5.	Form	m2	742	16.03	11,894
5-6.	Lean Concrete	m3	346	126.30	43,700
5-7.	Gravel (Leveling)	m3	519	36.04	18,705
5-8.	Gravel Pavement	m3	519	2.25	1,168
5-9.	Slope Protection (River Bank, Gabion)				
(1)	Gabion (4 mm dia), Gravel (Aggregate/Cobble Stone)	m3	3,500	88.24	308,840
5-10.	Gate (Turnout)	unit	17	5,000.00	85,000
				Sub-total	**510,652**
				Total	**2,089,053**
	Direct Construction Cost (A)				**2,089,053**
	Indirect Construction Cost (B = A * 20%)				**417,811**
	C = A + B				**2,506,864**
	Consultant Fee (D = C * 5%)				**125,343**
	Physical Contingency (E = C * 5%)				**125,343**
	Grand Total Cost (F = C + D + E)				**2,757,550**
					2,757,000
					(US$)

(2) Saketo Irrigation Scheme

Saketo Irrigation Scheme Bill of Quantity (1/3)

No.	Work Description	Unit	Quantity	Unit Price (US$)	Total (US$)
1. Preparatory Work					
1-1.	Mobilization (Transportation) to Site				
(1)	Excavator (0.45m3)	trip	2	3,000.00	6,000
(2)	Excavator (0.10m3)	trip	3	1,500.00	4,500
(3)	Bulldozer (4 ton class)	trip	1	3,000.00	3,000
(4)	Roller Compactor (4 ton)	trip	2	3,000.00	6,000
(5)	Dump Truck (4 ton)	trip	2	271.38	543
(6)	Water Tank Truck	trip	3	316.56	950
(7)	Agitator truck (3.2m3)	trip	1	353.52	354
(8)	Concrete Pump Truck (30m3/hr)	trip	1	296.93	297
(9)	Crane Truck (Hydraulic, 20ton)	trip	1	378.24	378
(10)	Concrete Mixer etc.	trip	1	3,000.00	3,000
(11)	Others	trip	2	3,000.00	6,000
1-2.	Site Office etc.	set	1	24,445.00	24,445
1-3.	Site Clearing (Cutting & Clearing of Grass, Bushes)	m2	10,000	0.24	2,400
1-4.	Transportation of Labor	day	60	72.00	4,320
1-5.	Demobilization (Transportation) from Site				
(1)	Excavator (0.45m3)	trip	2	3,000.00	6,000
(2)	Excavator (0.10m3)	trip	3	1,500.00	4,500
(3)	Bulldozer (4 ton class)	trip	1	3,000.00	3,000
(4)	Roller Compactor (4 ton)	trip	2	3,000.00	6,000
(5)	Dump Truck (4 ton)	trip	2	271.38	543
(6)	Water Tank Truck	trip	3	316.56	950
(7)	Agitator truck (3.2m3)	trip	1	353.52	354
(8)	Concrete Pump Truck (30m3/hr)	trip	1	296.93	297
(9)	Crane Truck (Hydraulic, 20ton)	trip	1	378.24	378
(10)	Concrete Mixer etc.	trip	1	3,000.00	3,000
(11)	Others	trip	2	3,000.00	6,000
2. Temporary Work					
2-1.	Temporary Road (as a Permanent Road (Maintenance Road), Gravel Pavement)				
(1)	Embankment with Compaction	m3	2,375	7.20	17,100
(2)	Gravel	m3	300	36.04	10,812
(3)	Gravel Pavement	m3	300	4.59	1,377
2-2.	Dewatering (by Pumping System)	day	40	75.74	3,030
3. Earth Work					
3-1.	Common Excavation for Construction of Sedimentation Pond & Canal				
		m3	977	10.11	9,877
3-2.	Sand Bag (Excavated Slope Protection)	m3	202	105.95	21,402
3-3.	Chipping Work for Existing Wall & Existing Canal (Manual)				
		m3	12	14.69	176
				Sub-total	**156,983**

Saketo Irrigation Scheme Bill of Quantity (2/3)

No.	Work Description	Unit	Quantity	Unit Price (US$)	Total (US$)
3. Earth Work					
3-4.	Chipping Work for Existing Canal (Excavator 0.4m3)	m3	87	14.69	1,278
3-5.	Removal for Sand Bag (H13cm*B35cm*L45cm)	m3	202	3.75	758
3-6.	Backfill around Structure (Sedimentation Pond etc.)	m3	740	2.10	1,554
3-7.	Excavation for Banking Material (Soil) from Borrow Pit	m3	2,613	7.83	20,460
3-8.	Loading & Transportation of Banking Material (Soil) from Borrow Pit				
		m3	2,613	4.28	11,184
3-9.	Loading & Transportation of Surplus Soil to Borrow Pit	m3	237	4.28	1,014
3-10.	Backfill of Surplus Soil at Borrow Pit	m3	237	0.89	211
3-11.	Transportation & Dispose of Chipping Material (Concrete & Reinforcement Bar)				
		m3	98	100.00	9,800
4. Concrete Work (Sedimentation Pond etc.)					
4-1.	Concrete Type-A (fc' = 22.5 Mpa)	m3	99	170.00	16,830
4-2.	Reinforcement Bar	ton	8	1,600.00	12,800
4-3.	Form	m2	311	20.44	6,357
4-4.	Lean Concrete	m3	14	140.00	1,960
4-5.	Gravel (Leveling)	m3	25	36.04	901
4-6.	Gravel Pavement (Leveling)	m3	25	2.25	56
4-7.	Supply and Installing Hand Rail, GSP Pipe dia. 2.5 inch	m	60	18.70	1,122
4-8.	Gate Facilities				
(1)	Supply and Installing Slide Gate (B1.50 * H2.00)	unit	1	8,000.00	8,000
(2)	Other Gate Facilities	set	1	15,000.00	15,000
4-9.	Concrete Pipe (Dia. 1,200mm * 5.82m)	unit	1	5,000.00	5,000
4-10.	Gabion (4 mm dia), Gravel (Aggregate/Cobble Stone)	m3	6	88.24	529
4-11.	Stone Masonry 1:3	m3	13	86.08	1,119
4-12.	Plastering 1:3	m2	37	5.47	202
5. Canal Work					
5-1. Main Canal					
5-1-1.	Common Excavation	m3	2,660	7.83	20,828
5-1-2.	Embankment with Compaction (Manual Work)	m3	11,745	3.51	41,225
5-1-3.	Gravel (Leveling)	m3	1,317	36.04	47,465
5-1-4.	Gravel Pavement (Leveling)	m3	1,317	2.25	2,963
5-1-5.	Stone Masonry 1:3	m3	1,199	86.08	103,210
5-1-6.	Plastering 1:3	m2	8,182	5.47	44,756
5-1-7.	Concrete Type-A (fc' = 22.5 Mpa) for Canal	m3	812	170.00	138,040
5-1-8.	Reinforcement Bar	ton	13	1,600.00	20,800
5-1-9.	Form	m2	75	16.03	1,202
5-1-10.	Gravel (Maintenance Road)	m3	647	36.04	23,318
5-1-11.	Gravel Pavement (Maintenance Road)	m3	647	4.59	2,970
				Sub-total	**562,912**

Saketo Irrigation Scheme Bill of Quantity (3/3)

No.	Work Description	Unit	Quantity	Unit Price (US$)	Total (US$)
5-2. Canal Structure (Main Canal)					
5-2-1.	Concrete Type-A (fc' = 22.5 Mpa) for Canal		19	170.00	3,230
5-2-2.	Form		96	16.03	1,539
5-2-3.	Lean Concrete	m3	3	140.00	420
5-2-4.	Gravel (Leveling)	m3	5	36.04	180
5-2-5.	Gravel Pavement (Leveling)	m3	5	2.25	11
5-2-6.	Gate Facilities				0
(1)	Supply and Installing Slide Gate (B1.45 * H1.00)	unit	4	5,000.00	20,000
(2)	Supply and Installing Slide Gate (B0.70 * H0.60)	unit	4	2,000.00	8,000
(3)	Other Gate Facilities (for Turnout)	set	4	5,000.00	20,000
(4)	Supply and Installing Slide Gate (B0.80 * H0.80)	unit	1	3,000.00	3,000
(5)	Other Gate Facilities (for Transition)	set	1	2,000.00	2,000
5-3. Secondary Canal					
5-3-1.	Common Excavation	m3	9,220	7.83	72,193
5-3-2.	Embankment with Compaction (Manual Work)	m3	3,796	3.51	13,324
				Sub-total	**143,897**
				Total	**863,792**
	Direct Construction Cost (A)				**863,792**
	Indirect Construction Cost (B = A * 20%)				**172,758**
		C = A + B			**1,036,550**
	Consultant Fee (D = C * 5%)				**51,828**
	Physical Contingency (E = C * 5%)				**51,828**
	Grand Total Cost (F = C + D + E)				**1,140,206**
					1,140,000
					(US$)

(3) Bikaliu Irrigation Scheme

Bikaliu Irrigation Scheme Bill of Quantity (1/3)

No.	Work Description	Unit	Quantity	Unit Price (US$)	Total (US$)
1. Preparatory Work					
1-1.	Mobilization (Transportation) to Site				
(1)	Excavator (0.45m3)	trip	1	3,000.00	3,000
(2)	Excavator (0.10m3)	trip	2	1,500.00	3,000
(3)	Bulldozer (4 ton class)	trip	1	3,000.00	3,000
(4)	Roller Compactor (4 ton)	trip	1	3,000.00	3,000
(5)	Dump Truck (4 ton)	trip	2	271.38	543
(6)	Water Tank Truck	trip	1	316.56	317
(7)	Agitator truck (3.2m3)	trip	1	353.52	354
(8)	Concrete Pump Truck (30m3/hr)	trip	1	296.93	297
(9)	Crane Truck (Hydraulic, 20ton)	trip	1	378.24	378
(10)	Concrete Mixer etc.	trip	1	3,000.00	3,000
(11)	Others	trip	1	3,000.00	3,000
1-2.	Site Office etc.	set	1	20,105.00	20,105
1-3.	Site Clearing (Cutting & Clearing of Grass, Bushes)	m2	2,500	0.24	600
1-4.	Transportation of Labor	day	70	72.00	5,040
1-5.	Demobilization (Transportation) from Site				
(1)	Excavator (0.45m3)	trip	1	3,000.00	3,000
(2)	Excavator (0.10m3)	trip	2	1,500.00	3,000
(3)	Bulldozer (4 ton class)	trip	1	3,000.00	3,000
(4)	Roller Compactor (4 ton)	trip	1	3,000.00	3,000
(5)	Dump Truck (4 ton)	trip	2	271.38	543
(6)	Water Tank Truck	trip	1	316.56	317
(7)	Agitator truck (3.2m3)	trip	1	353.52	354
(8)	Concrete Pump Truck (30m3/hr)	trip	1	296.93	297
(9)	Crane Truck (Hydraulic, 20ton)	trip	1	378.24	378
(10)	Concrete Mixer etc.	trip	1	3,000.00	3,000
(11)	Others	trip	1	3,000.00	3,000
2. Temporary Work					
2-1.	Temporary Road (Gravel Pavement)				
(1)	Embankment with Compaction	m3	2,375	7.20	17,100
(2)	Gravel	m3	300	36.04	10,812
(3)	Gravel Pavement	m3	300	4.59	1,377
2-2.	Dewatering (by Pumping System)	day	50	75.74	3,787
2-3.	Cofferdam for Head Works				
(1)	Cofferdam for Head Works	m3	1,000	4.46	4,460
(2)	Sand Bag	m3	50	105.95	5,298
2-4.	Removal of Cofferdam				
(1)	Removal for Cofferdam	m3	1,000	3.75	3,750
(2)	Removal for Sand Bag	m3	50	3.75	188
				Sub-total	**112,295**

Bikaliu Irrigation Scheme Bill of Quantity (2/3)

No.	Work Description	Unit	Quantity	Unit Price (US$)	Total (US$)
3. Head Work					
3-1.	Rock Excavation	m3	254	22.32	5,669
3-2.	Backfill around Structure	m3	144	2.10	302
3-3.	Excavation for Banking Material (Soil) from Borrow Pit	m3	2,613	7.83	20,460
3-4.	Loading & Transportation of Banking Material (Soil) from Borrow Pit				
		m3	2,613	4.28	11,184
3-5.	Loading & Transportation of Surplus Soil to Borrow Pit	m3	137	4.28	586
3-6.	Backfill of Surplus Soil at Borrow Pit	m3	137	0.89	122
3-7.	Concrete Type-A (fc' = 22.5 Mpa)	m3	69	180.00	12,420
3-8.	Reinforcement Bar	ton	5	1,700.00	8,500
3-9.	Form	m2	103	20.44	2,105
3-10.	Lean Concrete	m3	8	150.00	1,200
3-11.	Gravel (Leveling)	m3	11	36.04	396
3-12.	Gravel Pavement (Leveling)	m3	11	2.25	25
3-13.	Supply and Installing Hand Rail, GSP Pipe dia. 2.5 inch	m	10	18.70	187
3-14.	Gate Facilities	set	1	5,000.00	5,000
3-15.	Gabion (4 mm dia), Gravel (Aggregate/Cobble Stone)	m3	102	88.24	9,000
3-16.	VP (Dia. 150mm)	m	14	120.00	1,680
4. Canal Work					
4-1. Main Canal					
4-1-1.	Common Excavation	m3	1,275	7.83	9,983
4-1-2.	Embankment with Compaction (Manual Work)	m3	1,410	10.02	14,128
4-1-3.	Concrete Type-A (fc' = 22.5 Mpa) for Canal	m3	108	180.00	19,440
4-1-4.	Reinforcement Bar	ton	1.7	1,700.00	2,890
4-1-5.	Form	m2	625	16.03	10,019
4-1-6.	Lean Concrete	m3	15	150.00	2,250
4-1-7.	Gravel	m3	30	36.04	1,081
4-1-8.	Gravel Pavement	m3	30	2.25	68
4-1-9.	Gate Facilities (Stop Log)	set	1	500.00	500
4-1-10.	Transportation & Dispose of Existing Canal	m3	40	100.00	4,000
4-2. Secondary Canal					
4-2-1.	Common Excavation (Manual Work)	m3	46	10.02	461
4-2-2.	Embankment with Compaction (Manual Work)	m3	46	2.75	127
4-2-3.	Slope Smoothing (Excavation)	m2	1,530	4.35	6,656
4-2-4.	Slope Smoothing (Embankment)	m2	719	4.35	3,128
				Sub-total	**153,567**
				Total	**265,862**

Bikaliu Irrigation Scheme Bill of Quantity (3/3)

No.	Work Description	Unit	Quantity	Unit Price (US$)	Total (US$)
	Direct Construction Cost (A)				**265,862**
	Indirect Construction Cost (B = A * 20%)				**53,172**
			C = A + B		**319,034**
	Consultant Fee (D = C * 5%)				**15,952**
	Physical Contingency (E = C * 5%)				**15,952**
	Grand Total Cost (F = C + D + E)				**350,938**
					350,000
					(US$)