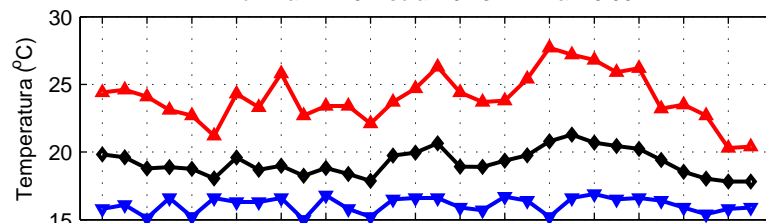


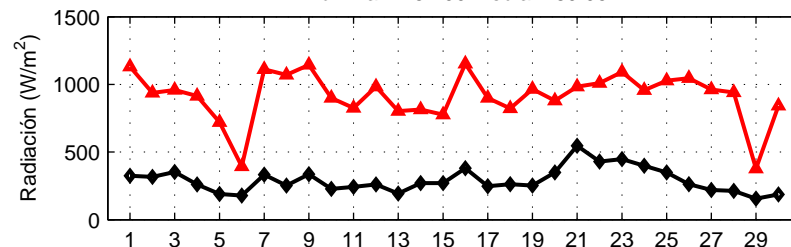
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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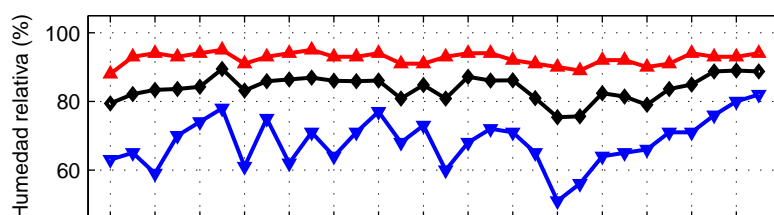
Máxima: 27.70 Media: 19.23 Mínima: 15.00



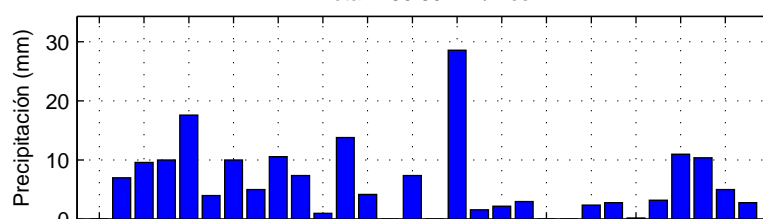
Máxima: 1152.00 Media: 289.96



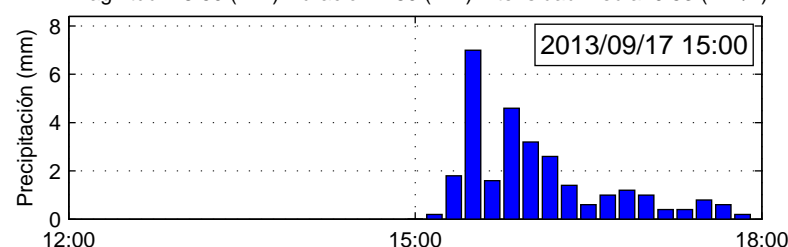
Máxima: 95.00 Media: 83.93 Mínima: 51.00



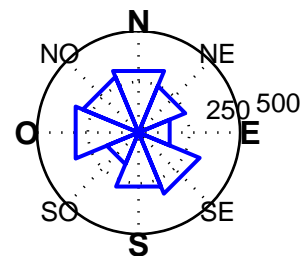
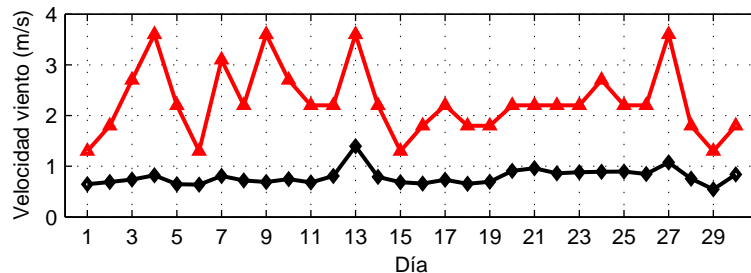
Total: 180.80 mm/mes



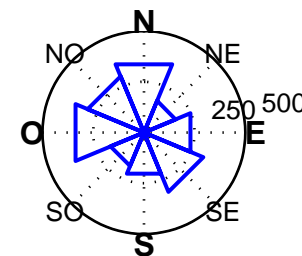
Magnitud: 28.60 (mm) Duración: 180 (min) Intensidad Media: 9.53 (mm/h)



Máxima: 3.60 Media: 0.79



Dirección del viento (Día)



Dirección del viento (Noche)



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Día	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.40	19.82	15.80	1.30	0.65	684.53	79.38	0.00	2.76	1131.00	323.96
2	24.60	19.61	16.10	1.80	0.69	684.46	82.10	7.00	2.55	937.00	316.14
3	24.10	18.79	15.10	2.70	0.74	684.01	83.36	9.60	2.70	959.00	352.16
4	23.10	18.88	16.60	3.60	0.82	684.04	83.58	10.00	2.01	915.00	259.61
5	22.70	18.75	15.20	2.20	0.65	683.96	84.24	17.60	1.59	721.00	189.25
6	21.20	18.04	16.60	1.30	0.64	683.67	89.45	4.00	1.29	394.00	177.97
7	24.30	19.59	16.30	3.10	0.81	684.01	83.14	10.00	2.70	1111.00	332.48
8	23.30	18.69	16.30	2.20	0.72	684.04	85.85	5.00	2.00	1071.00	252.63
9	25.80	18.98	16.60	3.60	0.69	685.33	86.40	10.60	2.57	1144.00	335.60
10	22.70	18.24	15.00	2.70	0.74	683.89	86.93	7.40	1.88	899.00	227.49
11	23.40	18.83	16.80	2.20	0.68	684.18	86.00	1.00	1.85	825.00	241.91
12	23.40	18.37	15.80	2.20	0.81	683.96	85.90	13.80	2.09	984.00	260.80
13	22.10	17.87	15.20	3.60	1.40	683.55	86.09	4.20	1.72	802.00	193.52
14	23.70	19.74	16.50	2.20	0.79	683.84	80.85	0.00	2.32	814.00	270.18
15	24.70	19.95	16.60	1.30	0.68	684.73	84.80	7.40	2.34	776.00	269.94
16	26.30	20.64	16.60	1.80	0.66	684.92	80.83	0.00	3.07	1152.00	381.07
17	24.40	18.91	15.90	2.20	0.73	685.43	87.19	28.60	1.72	900.00	246.75
18	23.70	18.91	15.70	1.80	0.65	684.00	86.05	1.60	2.08	822.00	261.26
19	23.80	19.36	16.70	1.80	0.69	685.69	86.14	2.20	2.00	965.00	252.24
20	25.40	19.75	16.40	2.20	0.91	687.01	80.92	3.00	2.91	880.00	348.44
21	27.70	20.79	15.20	2.20	0.96	685.53	75.35	0.00	4.66	984.00	546.63
22	27.20	21.28	16.60	2.20	0.86	685.63	75.64	0.00	3.76	1009.00	429.74
23	26.80	20.69	16.90	2.20	0.88	685.60	82.40	2.40	3.49	1092.00	447.17
24	25.90	20.44	16.50	2.70	0.89	688.75	81.44	2.80	3.28	957.00	397.75
25	26.20	20.24	16.60	2.20	0.90	685.34	79.01	0.20	3.10	1028.00	348.65
26	23.20	19.41	16.40	2.20	0.85	685.24	83.60	3.20	2.20	1045.00	261.79
27	23.50	18.54	15.90	3.60	1.08	684.19	84.88	11.00	1.90	962.00	219.52
28	22.70	18.03	15.40	1.80	0.75	683.92	88.70	10.40	1.66	940.00	212.45
29	20.30	17.82	15.80	1.30	0.55	683.14	89.00	5.00	1.17	377.00	155.99
30	20.40	17.82	15.90	1.80	0.84	684.88	88.72	2.80	1.43	842.00	185.83
TOTAL								180.80	70.80		
PROM	24.03	19.23	16.10	2.27	0.79	684.72	83.93			914.60	289.96

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
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Día	Lluvias por intensidad				Lluvias por jornada				CLL	PT (mm)	DP		DM (min)	MM (mm)	IMM (mm/h)	IM5 (mm/h)
	F	M	L	LL	Md	Mñ	T	N			(h)	(%)				
1	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0	2	1	1	1	0	0	3	4	7.00	2.33	9.72	80.00	4.00	2.67	7.20
3	0	1	0	0	1	0	0	0	1	9.60	1.67	6.94	120.00	9.60	4.43	16.80
4	1	0	0	0	0	0	1	0	1	10.00	0.67	2.78	50.00	10.00	10.00	40.80
5	1	0	0	1	0	0	1	1	2	17.60	2.17	9.03	120.00	16.80	7.75	20.40
6	0	0	2	4	4	1	1	0	6	4.00	2.83	11.81	110.00	2.40	1.20	2.40
7	1	0	0	0	0	0	1	0	1	10.00	0.50	2.08	40.00	10.00	12.00	43.20
8	0	0	1	0	0	1	0	0	1	5.00	2.17	9.03	160.00	5.00	1.76	4.80
9	1	0	1	0	0	0	1	1	2	10.60	0.50	2.08	30.00	10.00	15.00	48.00
10	0	0	1	1	1	0	1	0	2	7.40	3.33	13.89	240.00	7.20	1.73	4.80
11	0	0	1	0	0	0	1	0	1	1.00	0.33	1.39	30.00	1.00	1.50	4.80
12	1	2	0	2	0	0	3	2	5	13.80	2.17	9.03	40.00	7.80	9.36	24.00
13	0	1	0	0	1	0	0	0	1	4.20	0.67	2.78	60.00	4.20	3.60	10.80
14	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0	1	0	0	0	0	1	0	1	7.40	0.83	3.47	60.00	7.40	6.34	15.60
16	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	1	0	0	0	0	0	1	0	1	28.60	2.83	11.81	180.00	28.60	9.03	42.00
18	0	0	1	0	0	0	1	0	1	1.60	1.00	4.17	80.00	1.60	1.07	2.40
19	0	1	0	0	0	0	1	0	1	2.20	0.50	2.08	40.00	2.20	2.64	6.00
20	0	1	0	0	0	0	1	0	1	3.00	0.67	2.78	50.00	3.00	3.00	9.60
21	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0	1	0	0	0	0	0	1	1	2.40	0.33	1.39	30.00	2.40	3.60	12.00
24	0	1	0	0	0	0	1	0	1	2.80	0.33	1.39	30.00	2.80	4.20	12.00
25	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
26	0	1	1	0	0	0	2	0	2	3.20	1.17	4.86	40.00	1.80	2.16	6.00
27	0	2	0	0	0	0	1	1	2	11.00	2.83	11.81	160.00	8.80	3.11	13.20
28	0	1	1	0	1	0	1	0	2	10.40	3.83	15.97	210.00	8.20	2.24	7.20
29	0	1	1	4	3	1	2	0	6	5.00	2.17	9.03	40.00	2.80	3.36	13.20
30	0	0	2	1	1	1	1	0	3	2.80	1.33	5.56	80.00	2.20	1.47	3.60
MAX	1	2	2	4	4	1	3	3	6	28.60	3.83	15.97	240.00	28.60	15.00	48.00
TOTAL	6	16	13	15	13	4	24	9	50	180.80	37.33	5.19				

Cuadro 1: Análisis mensual de lluvias

F	Fuerte	$7.6 \text{ (mm/h)} \leq \text{intensidad}$
M	Moderada	$2.5 \text{ (mm/h)} < \text{intensidad} \leq 7.6 \text{ (mm/h)}$
L	Ligera	$1.0 \text{ (mm/h)} < \text{intensidad} \leq 2.5 \text{ (mm/h)}$
LL	Llovizna	$1.0 \text{ (mm/h)} \geq \text{intensidad}$

Md	Madrugada	00:00 - 05:59
Mñ	Mañana	06:00 - 11:59
T	Tarde	12:00 - 17:59
N	Noche	18:00 - 23:59

CLL	Cantidad de Lluvias
PT	Precipitación total (mm)
DP	Duración precipitación diaria
DM	Duración máxima lluvia aislada (min)
MM	Magnitud máx. lluvia aislada (mm)
IMM	Intensidad media máxima (mm/h)
IM5	Intensidad máx. en 5 minutos (mm/h)

Cuadro 2: Convenciones y Unidades