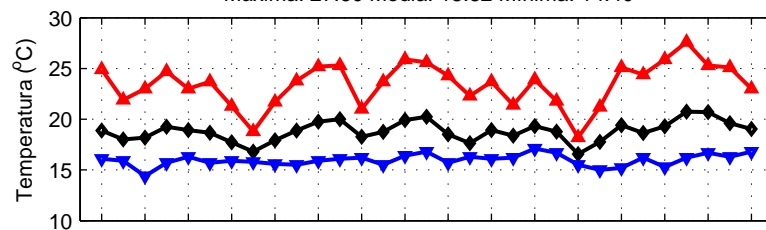


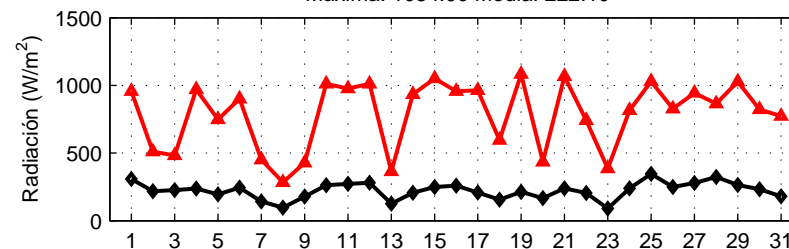
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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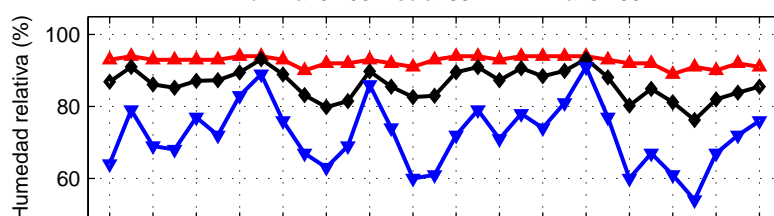
Máxima: 27.60 Media: 18.82 Mínima: 14.40



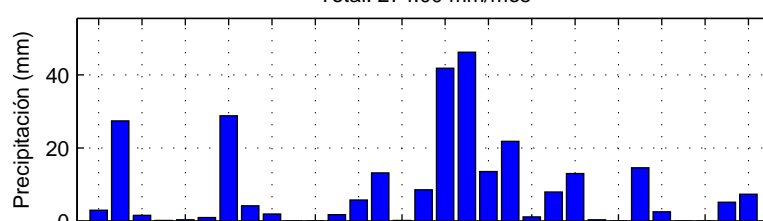
Máxima: 1084.00 Media: 222.10



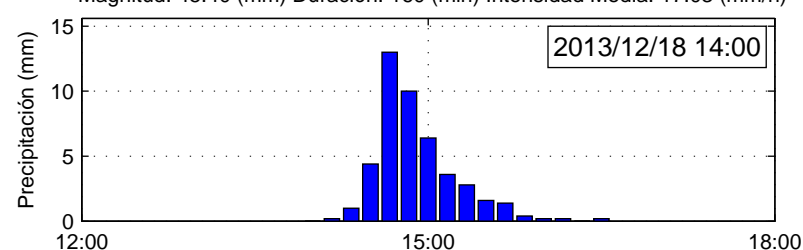
Máxima: 94.00 Media: 86.21 Mínima: 54.00



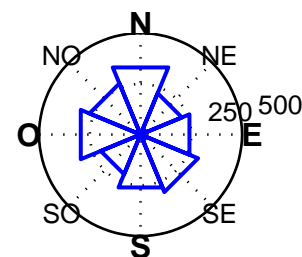
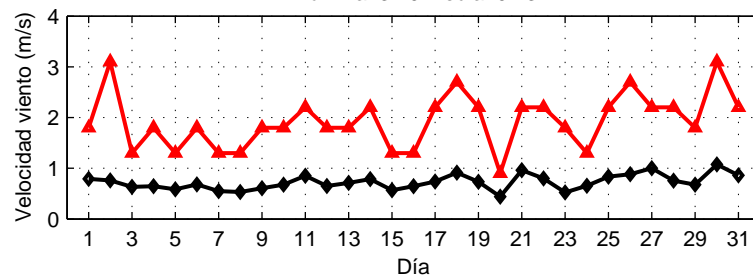
Total: 274.00 mm/mes



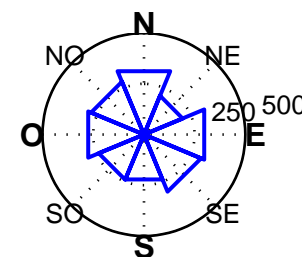
Magnitud: 45.40 (mm) Duración: 160 (min) Intensidad Media: 17.03 (mm/h)



Máxima: 3.10 Media: 0.73



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/m²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	24.90	18.89	16.10	1.80	0.79	714.42	86.90	3.00	2.31	957.00	308.21
2	21.90	18.01	15.90	3.10	0.76	742.45	91.03	27.40	1.44	510.00	216.88
3	23.00	18.18	14.40	1.30	0.63	718.36	86.13	1.60	1.60	482.00	225.20
4	24.70	19.24	15.70	1.80	0.65	714.75	85.19	0.20	1.85	970.00	237.19
5	23.00	18.93	16.30	1.30	0.58	729.78	87.10	0.40	1.52	748.00	195.13
6	23.70	18.66	15.70	1.80	0.68	724.39	87.31	1.00	1.85	901.00	244.16
7	21.30	17.73	15.90	1.30	0.55	743.94	89.44	28.80	1.11	451.00	141.82
8	18.80	16.80	15.80	1.30	0.53	757.15	93.15	4.20	0.65	283.00	96.84
9	21.70	17.91	15.60	1.80	0.61	733.95	88.90	2.00	1.23	428.00	177.46
10	23.80	18.88	15.50	1.80	0.68	696.95	83.15	0.00	2.13	1011.00	261.99
11	25.20	19.76	15.90	2.20	0.85	732.42	79.83	0.00	2.36	977.00	272.25
12	25.30	20.00	16.10	1.80	0.65	721.64	81.47	1.80	2.44	1011.00	280.10
13	21.00	18.26	16.20	1.80	0.71	727.10	89.80	5.80	1.02	364.00	125.00
14	23.70	18.76	15.50	2.20	0.79	718.41	85.53	13.20	1.71	934.00	205.70
15	25.90	19.92	16.40	1.30	0.57	722.14	82.58	0.20	1.98	1050.00	248.16
16	25.60	20.23	16.80	1.30	0.65	700.65	83.00	8.60	2.03	957.00	259.43
17	24.30	18.50	15.70	2.20	0.74	703.62	89.53	41.80	1.43	963.00	208.18
18	22.30	17.64	16.30	2.70	0.91	729.56	90.92	46.20	1.12	595.00	155.82
19	23.70	18.93	16.10	2.20	0.73	712.34	87.30	13.60	1.65	1084.00	213.01
20	21.40	18.37	16.20	0.90	0.44	692.78	90.63	21.80	1.15	434.00	166.06
21	23.90	19.32	17.10	2.20	0.96	691.24	88.40	1.20	1.74	1067.00	239.48
22	21.80	18.77	16.70	2.20	0.80	684.39	89.92	8.00	1.56	741.00	205.03
23	18.20	16.56	15.50	1.80	0.52	683.10	93.22	13.00	0.63	385.00	90.24
24	21.20	17.76	15.00	1.30	0.66	708.15	88.10	0.40	1.69	816.00	239.28
25	25.10	19.42	15.20	2.20	0.83	689.33	80.28	0.00	2.86	1030.00	345.52
26	24.40	18.63	16.20	2.70	0.88	691.01	84.90	14.60	2.06	827.00	248.85
27	25.90	19.31	15.30	2.20	1.00	689.19	81.19	2.60	2.47	944.00	278.07
28	27.60	20.75	16.20	2.20	0.76	684.51	76.24	0.00	2.87	865.00	323.56
29	25.30	20.70	16.70	1.80	0.68	685.61	82.01	0.00	2.21	1028.00	263.62
30	25.10	19.60	16.30	3.10	1.08	685.27	83.84	5.20	2.02	823.00	232.34
31	23.00	19.03	16.80	2.20	0.86	684.22	85.52	7.40	1.64	773.00	180.60
TOTAL								274.00	54.33		
PROM	23.44	18.82	15.97	1.93	0.73	710.09	86.21			787.39	222.10

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	1	0	0	0	0	1	1	3.00	1.17	4.86	90.00	3.00	1.80	7.20
2	1	3	3	0	3	1	1	2	7	27.40	6.67	27.78	220.00	12.20	3.18	14.40
3	0	0	1	1	0	0	0	2	2	1.60	1.17	4.86	70.00	1.20	0.90	2.40
4	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
5	0	0	0	2	0	0	2	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
6	0	0	1	2	1	0	2	0	3	1.00	0.67	2.78	20.00	0.40	0.80	2.40
7	1	1	1	2	0	1	3	1	5	28.80	3.33	13.89	120.00	19.40	8.95	55.20
8	0	0	2	5	2	2	3	0	7	4.20	2.50	10.42	90.00	2.00	1.20	3.60
9	0	0	1	1	0	0	2	0	2	2.00	1.00	4.17	60.00	1.80	1.54	2.40
10	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0	1	0	0	0	0	0	1	1	1.80	0.50	2.08	40.00	1.80	2.16	4.80
13	0	0	1	1	1	0	1	0	2	5.80	2.33	9.72	170.00	5.60	1.87	7.20
14	1	0	0	0	0	0	1	0	1	13.20	0.67	2.78	50.00	13.20	13.20	54.00
15	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
16	1	0	0	0	1	0	0	0	1	8.60	0.83	3.47	60.00	8.60	7.37	22.80
17	1	1	1	1	2	0	2	0	4	41.80	3.00	12.50	100.00	35.80	19.53	100.80
18	1	0	1	1	2	0	1	0	3	46.20	2.83	11.81	160.00	45.40	16.02	78.00
19	0	1	0	2	0	0	2	1	3	13.60	2.33	9.72	110.00	12.80	6.40	25.20
20	0	1	0	2	1	2	0	0	3	21.80	4.33	18.06	230.00	20.60	5.15	18.00
21	0	0	1	0	0	1	0	0	1	1.20	0.50	2.08	40.00	1.20	1.44	3.60
22	0	2	0	2	2	0	0	2	4	8.00	1.67	6.94	60.00	5.20	4.46	10.80
23	0	1	3	3	4	3	0	0	7	13.00	5.00	20.83	100.00	7.60	4.15	9.60
24	0	0	0	2	2	0	0	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
25	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	1	0	0	0	0	0	1	0	1	14.60	1.00	4.17	70.00	14.60	10.95	42.00
27	0	1	0	0	0	0	1	0	1	2.60	0.67	2.78	50.00	2.60	2.60	7.20
28	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0	1	0	0	0	0	1	0	1	5.20	0.83	3.47	70.00	5.20	3.90	18.00
31	0	1	0	0	0	0	1	0	1	7.40	1.33	5.56	100.00	7.40	4.04	14.40
MAX	1	3	3	5	4	3	3	2	7	46.20	6.67	27.78	230.00	45.40	19.53	100.80
TOTAL	7	14	17	29	21	12	24	10	67	274.00	45.33	6.09				

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