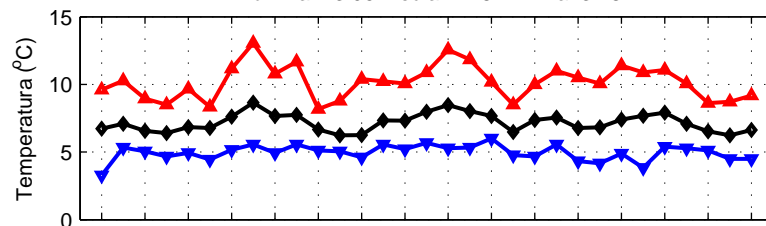


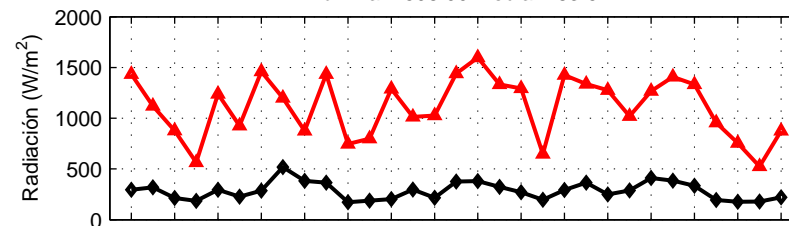
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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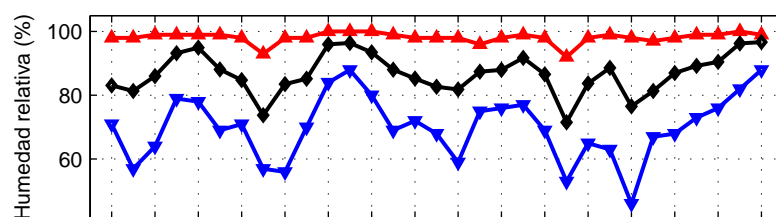
Máxima: 13.06 Media: 7.18 Mínima: 3.28



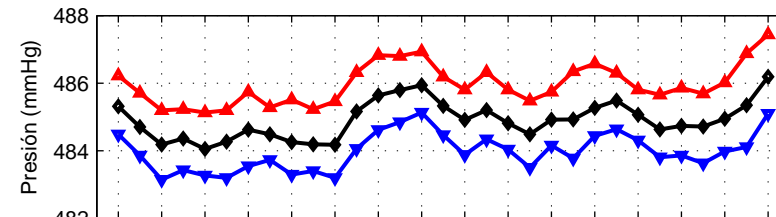
Máxima: 1598.00 Media: 283.64



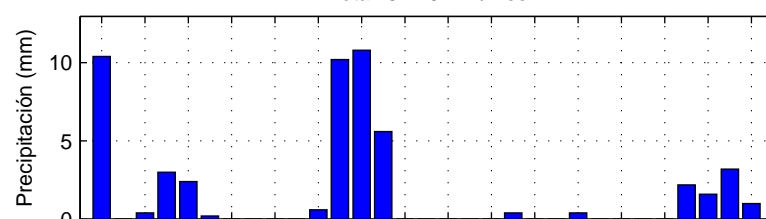
Máxima: 100.00 Media: 86.86 Mínima: 46.00



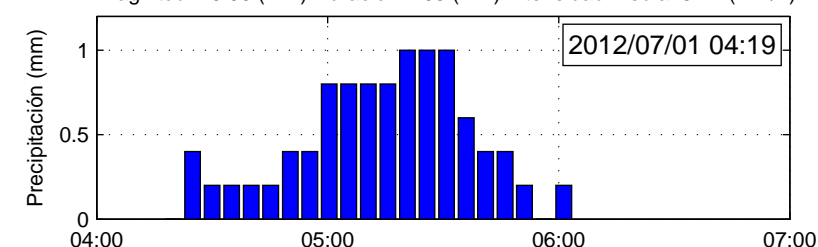
Máxima: 487.44 Media: 484.91 Mínima: 483.15



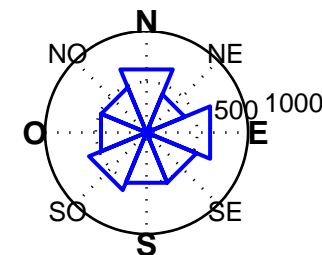
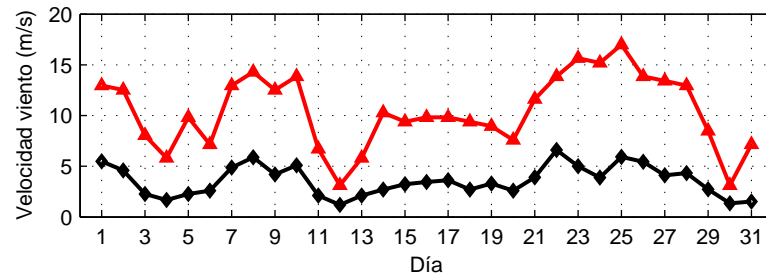
Total: 52.40 mm/mes



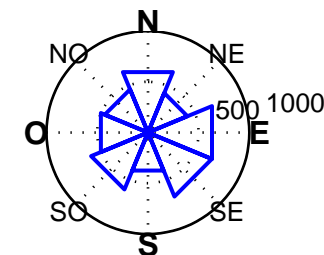
Magnitud: 10.00 (mm) Duración: 105 (min) Intensidad Media: 5.71 (mm/h)



Máxima: 16.99 Media: 3.57



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	9.61	6.73	3.28	12.96	5.48	485.31	83.10	10.40	2.31	1434.00	293.75
2	10.28	7.09	5.33	12.52	4.60	484.71	81.38	0.00	2.57	1121.00	318.95
3	8.94	6.56	5.06	8.05	2.27	484.18	85.99	0.40	1.39	877.00	213.46
4	8.50	6.39	4.67	5.81	1.69	484.36	93.18	3.00	1.04	564.00	184.16
5	9.67	6.84	4.94	9.83	2.27	484.05	94.97	2.40	1.58	1238.00	295.38
6	8.33	6.78	4.44	7.15	2.59	484.27	88.12	0.20	1.44	926.00	226.69
7	11.17	7.61	5.17	12.96	4.88	484.63	84.75	0.00	2.16	1461.00	285.83
8	13.06	8.66	5.56	14.30	5.87	484.49	73.74	0.00	4.29	1199.00	517.95
9	10.78	7.67	4.94	12.52	4.20	484.26	83.48	0.00	2.69	875.00	381.63
10	11.67	7.75	5.56	13.86	5.09	484.19	85.15	0.00	2.64	1433.00	365.37
11	8.17	6.66	5.11	6.71	2.10	484.18	96.01	0.60	0.89	745.00	171.09
12	8.78	6.23	5.06	3.13	1.18	485.16	96.41	10.20	0.91	798.00	186.63
13	10.39	6.26	4.61	5.81	2.10	485.63	93.49	10.80	1.07	1290.00	203.17
14	10.22	7.33	5.56	10.28	2.71	485.79	88.06	5.60	1.85	1013.00	296.97
15	10.06	7.31	5.22	9.39	3.22	485.94	85.25	0.00	1.50	1027.00	216.59
16	10.89	7.98	5.67	9.83	3.46	485.33	82.66	0.00	2.41	1441.00	374.72
17	12.56	8.46	5.28	9.83	3.63	484.92	81.85	0.00	2.67	1598.00	379.61
18	11.83	8.03	5.33	9.39	2.70	485.21	87.40	0.00	2.08	1334.00	323.33
19	10.17	7.66	6.00	8.94	3.30	484.81	87.94	0.00	1.73	1294.00	270.50
20	8.50	6.48	4.78	7.60	2.60	484.49	91.76	0.40	1.19	647.00	196.30
21	10.00	7.37	4.67	11.62	3.91	484.92	86.59	0.00	2.01	1424.00	291.80
22	11.00	7.55	5.56	13.86	6.60	484.93	71.51	0.00	3.71	1338.00	363.87
23	10.50	6.78	4.33	15.65	5.00	485.27	83.72	0.40	2.24	1276.00	249.19
24	10.06	6.83	4.17	15.20	3.90	485.49	88.61	0.00	1.85	1020.00	287.69
25	11.39	7.40	4.89	16.99	5.92	485.06	76.52	0.00	3.21	1267.00	410.42
26	10.89	7.68	3.83	13.86	5.43	484.63	81.37	0.00	2.97	1408.00	385.36
27	11.06	7.91	5.39	13.41	4.12	484.74	86.97	0.00	2.21	1332.00	333.81
28	10.06	7.09	5.28	12.96	4.32	484.72	89.25	2.20	1.42	956.00	194.64
29	8.61	6.53	5.11	8.49	2.72	484.95	90.51	1.60	1.04	754.00	175.80
30	8.72	6.23	4.50	3.13	1.34	485.35	96.29	3.20	0.91	524.00	177.91
31	9.17	6.64	4.50	7.15	1.52	486.19	96.68	1.00	1.19	875.00	220.27
TOTAL								52.40	61.17		
PROM	10.16	7.18	4.96	10.43	3.57	484.91	86.86			1112.55	283.64

Cuadro 1: Resumen de análisis climatológico

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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	1	2	0	3	0	0	0	3	10.40	1.75	7.29	105.00	10.00	5.45	12.00
2	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0	0	1	0	0	0	1	0	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
4	0	1	3	0	0	1	1	2	4	3.00	0.83	3.47	25.00	1.60	3.20	7.20
5	0	1	2	0	1	1	1	0	3	2.40	0.75	3.13	20.00	1.20	2.88	4.80
6	0	0	1	0	0	1	0	0	1	0.20	0.08	0.35	10.00	0.20	0.80	2.40
7	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2	0	0	0	1	1	2	0.60	0.17	0.69	10.00	0.40	1.60	4.80
12	0	0	10	0	3	4	3	0	10	10.20	3.50	14.58	170.00	6.60	2.26	7.20
13	1	0	6	2	3	2	1	3	9	10.80	3.00	12.50	35.00	4.60	6.90	16.80
14	0	1	3	1	0	0	3	2	5	5.60	1.33	5.56	35.00	3.60	5.40	12.00
15	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0	0	1	0	0	0	0	1	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
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	0	1	0	0	0	0	1	1	0.40	0.08	0.35	10.00	0.40	1.60	4.80
24	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0	0	3	0	0	1	1	1	3	2.20	0.75	3.13	65.00	1.60	1.37	4.80
29	0	0	1	1	0	0	2	0	2	1.60	0.58	2.43	35.00	1.20	1.80	4.80
30	0	1	3	1	0	0	4	1	5	3.20	1.00	4.17	30.00	1.60	2.74	4.80
31	0	0	1	2	2	0	1	0	3	1.00	0.42	1.74	30.00	0.40	0.69	2.40
MAX	1	1	10	2	3	4	4	3	10	10.80	3.50	14.58	170.00	10.00	6.90	16.80
TOTAL	1	5	40	7	12	10	19	12	53	52.40	14.42	1.94				

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