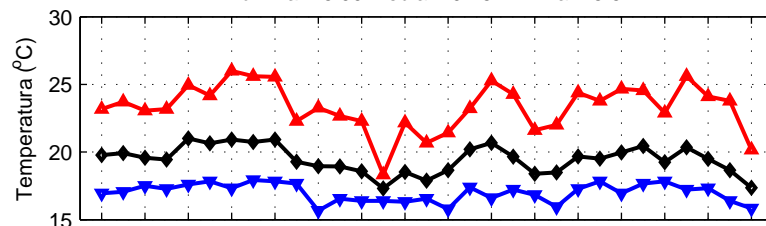


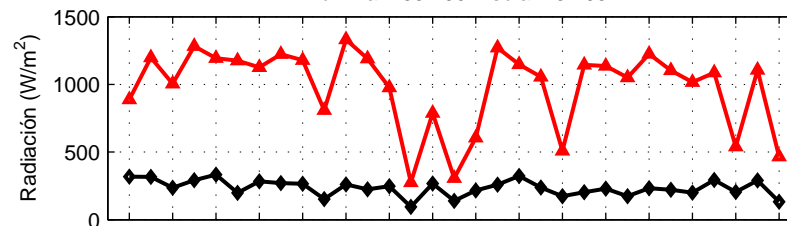
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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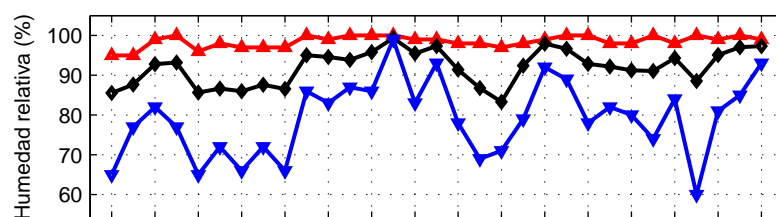
Máxima: 26.00 Media: 19.46 Mínima: 15.67



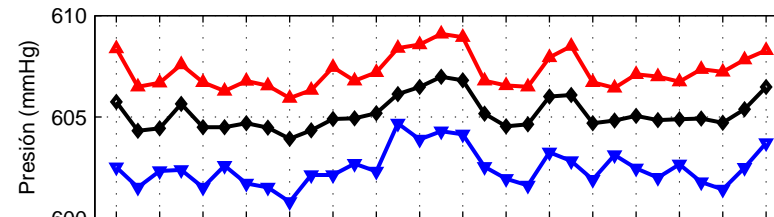
Máxima: 1331.00 Media: 234.93



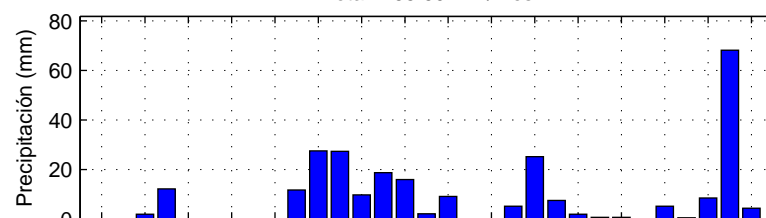
Máxima: 100.00 Media: 91.97 Mínima: 60.00



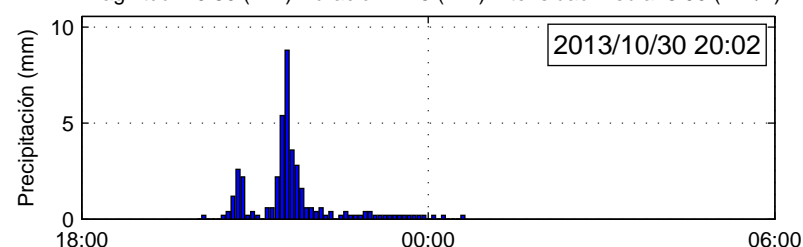
Máxima: 609.10 Media: 605.17 Mínima: 600.82



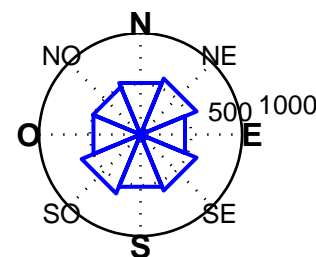
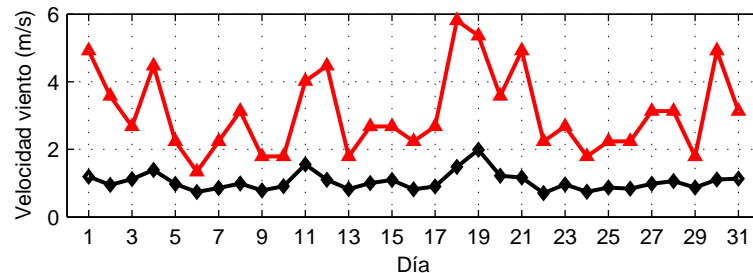
Total: 265.60 mm/mes



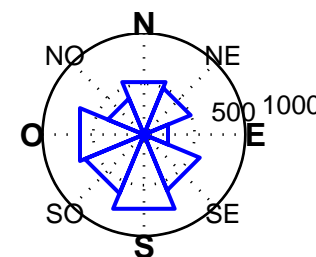
Magnitud: 40.80 (mm) Duración: 275 (min) Intensidad Media: 8.90 (mm/h)



Máxima: 5.81 Media: 1.04



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	23.17	19.77	16.94	4.92	1.19	605.75	85.55	0.00	2.54	888.00	318.04
2	23.72	19.92	17.06	3.58	0.95	604.32	87.64	0.00	2.36	1199.00	315.67
3	23.06	19.57	17.50	2.68	1.12	604.44	92.81	2.00	1.70	1004.00	235.96
4	23.17	19.45	17.28	4.47	1.39	605.64	93.17	12.20	2.11	1283.00	291.60
5	24.94	21.00	17.61	2.24	0.98	604.50	85.64	0.00	2.59	1194.00	332.40
6	24.17	20.64	17.83	1.34	0.74	604.50	86.63	0.00	1.70	1176.00	197.61
7	26.00	20.92	17.33	2.24	0.86	604.69	85.96	0.00	2.31	1127.00	283.80
8	25.61	20.74	17.94	3.13	0.99	604.47	87.57	0.00	2.06	1223.00	270.86
9	25.56	20.92	17.83	1.79	0.79	603.92	86.55	0.00	2.06	1179.00	264.82
10	22.28	19.28	17.67	1.79	0.91	604.35	95.02	11.80	1.12	809.00	152.39
11	23.28	18.94	15.67	4.02	1.55	604.90	94.56	27.60	1.93	1331.00	260.31
12	22.67	18.93	16.56	4.47	1.10	604.94	93.86	27.40	1.65	1190.00	224.64
13	22.28	18.57	16.39	1.79	0.83	605.19	95.79	9.80	1.65	976.00	246.68
14	18.33	17.31	16.39	2.68	1.00	606.12	99.35	18.80	0.58	276.00	94.53
15	22.17	18.52	16.33	2.68	1.10	606.48	95.49	16.00	1.88	788.00	267.21
16	20.67	17.89	16.56	2.24	0.82	606.98	97.33	2.20	0.97	306.00	138.59
17	21.44	18.66	15.78	2.68	0.90	606.81	91.40	9.20	1.68	605.00	215.46
18	23.22	20.21	17.39	5.81	1.49	605.17	86.74	0.00	2.01	1271.00	258.59
19	25.28	20.68	16.61	5.36	1.99	604.54	83.31	0.00	2.49	1148.00	322.19
20	24.28	19.66	17.22	3.58	1.22	604.64	92.38	5.20	1.68	1056.00	236.79
21	21.61	18.40	16.83	4.92	1.17	606.01	97.93	25.20	1.17	508.00	172.89
22	22.00	18.50	15.94	2.24	0.71	606.09	96.64	7.60	1.47	1144.00	203.43
23	24.39	19.67	17.28	2.68	0.96	604.69	92.83	2.00	1.63	1136.00	228.56
24	23.78	19.51	17.83	1.79	0.75	604.82	92.16	0.80	1.30	1051.00	173.83
25	24.67	19.96	16.94	2.24	0.87	605.06	91.22	0.80	1.75	1225.00	232.97
26	24.56	20.45	17.67	2.24	0.84	604.85	91.08	0.00	1.73	1104.00	220.86
27	22.89	19.25	17.83	3.13	0.98	604.90	94.29	5.20	1.47	1016.00	199.90
28	25.61	20.34	17.22	3.13	1.06	604.92	88.53	0.60	2.29	1086.00	293.95
29	24.11	19.49	17.33	1.79	0.87	604.72	95.09	8.60	1.45	540.00	205.14
30	23.78	18.66	16.39	4.92	1.11	605.39	97.06	68.20	1.93	1106.00	290.57
31	20.17	17.36	15.83	3.13	1.13	606.47	97.34	4.40	0.94	466.00	132.60
TOTAL								265.60	54.20		
PROM	23.32	19.46	17.00	3.09	1.04	605.17	91.97			981.00	234.93

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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	2	0	0	0	1	2	3	2.00	0.67	2.78	30.00	1.40	2.40	4.80
4	1	0	3	0	1	1	0	2	4	12.20	1.42	5.90	65.00	11.20	9.60	28.80
5	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2	3	1	1	0	3	2	6	11.80	2.00	8.33	65.00	7.80	6.69	28.80
11	1	1	2	0	2	1	1	0	4	27.60	3.67	15.28	200.00	25.80	7.55	24.00
12	1	1	0	0	1	0	1	0	2	27.40	1.00	4.17	45.00	24.20	29.04	79.20
13	0	1	5	1	2	1	2	2	7	9.80	2.58	10.76	85.00	5.80	3.87	14.40
14	1	1	5	0	1	3	3	0	7	18.80	2.58	10.76	100.00	11.20	6.40	38.40
15	1	2	1	0	0	0	1	3	4	16.00	1.83	7.64	85.00	11.00	7.33	40.80
16	0	0	5	1	0	1	0	5	6	2.20	0.92	3.82	30.00	0.80	1.37	2.40
17	0	1	1	0	1	0	1	0	2	9.20	1.33	5.56	125.00	9.00	4.15	38.40
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	1	1	1	0	0	0	2	1	3	5.20	0.67	2.78	30.00	4.20	7.20	19.20
21	2	1	6	0	2	3	1	3	9	25.20	3.00	12.50	70.00	15.20	12.16	43.20
22	0	1	1	0	1	1	0	0	2	7.60	2.00	8.33	130.00	7.40	3.29	7.20
23	0	0	1	0	0	0	1	0	1	2.00	0.58	2.43	60.00	2.00	1.85	9.60
24	0	0	2	0	0	0	2	0	2	0.80	0.33	1.39	25.00	0.60	1.20	2.40
25	0	0	3	0	0	1	2	0	3	0.80	0.25	1.04	10.00	0.40	1.60	4.80
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	1	1	0	0	1	1	0	2	5.20	0.67	2.78	40.00	5.00	6.67	14.40
28	0	0	2	0	0	0	2	0	2	0.60	0.17	0.69	10.00	0.40	1.60	4.80
29	1	0	3	0	0	1	2	1	4	8.60	0.92	3.82	45.00	7.80	9.36	52.80
30	2	0	1	0	0	0	2	1	3	68.20	4.67	19.44	235.00	40.20	10.05	105.60
31	0	0	4	1	1	0	2	2	5	4.40	1.83	7.64	120.00	2.80	1.34	2.40
MAX	2	2	6	1	2	3	3	5	9	68.20	4.67	19.44	235.00	40.20	29.04	105.60
TOTAL	11	14	52	4	13	14	30	24	81	265.60	33.08	4.45				

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