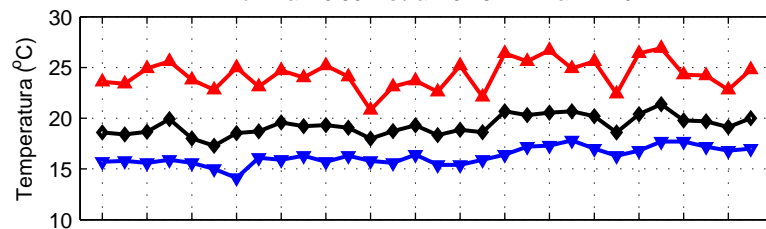


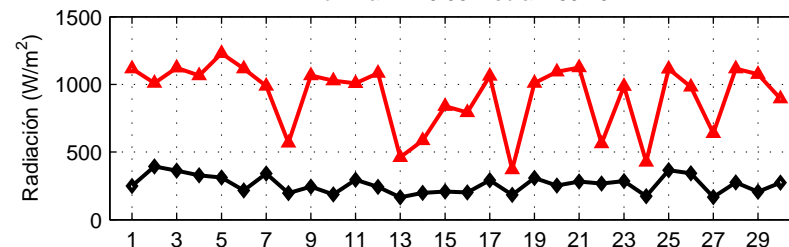
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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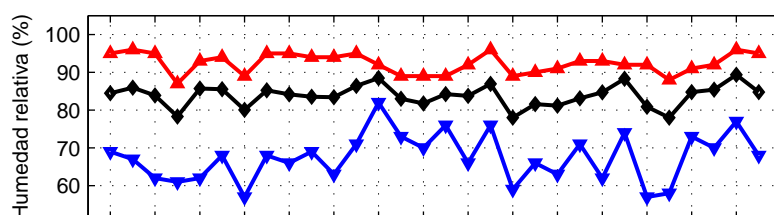
Máxima: 26.90 Media: 19.28 Mínima: 14.10



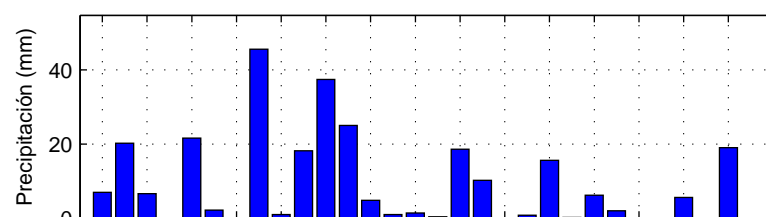
Máxima: 1229.00 Media: 260.40



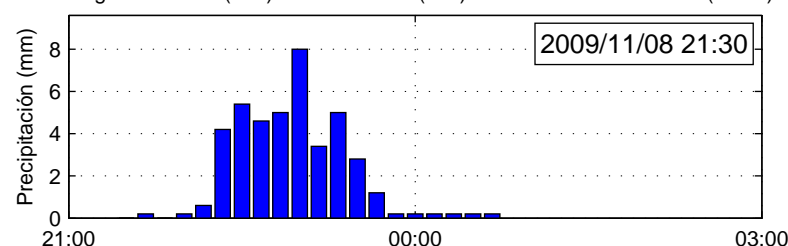
Máxima: 96.00 Media: 83.80 Mínima: 57.00



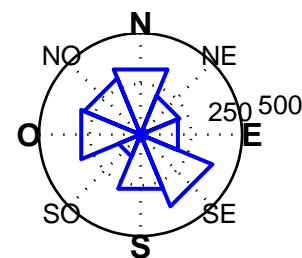
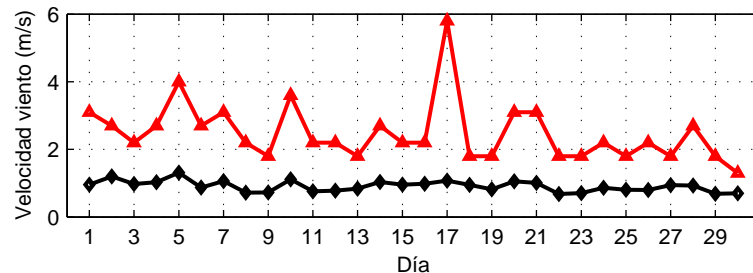
Total: 270.60 mm/mes



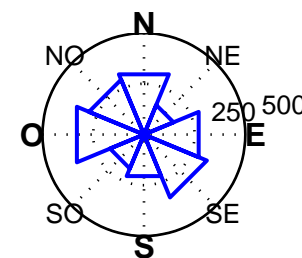
Magnitud: 41.80 (mm) Duración: 200 (min) Intensidad Media: 12.54 (mm/h)



Máxima: 5.80 Media: 0.91



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Mundo Nuevo
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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	23.60	18.60	15.70	3.10	0.96	767.53	84.44	7.00	0.00	1116.00	249.00
2	23.40	18.39	15.80	2.70	1.20	767.67	85.90	20.20	0.00	1010.00	392.83
3	24.90	18.67	15.60	2.20	0.98	767.70	83.85	6.60	0.00	1123.00	362.79
4	25.60	19.92	15.90	2.70	1.03	766.59	78.28	0.00	0.00	1066.00	327.97
5	23.80	18.00	15.60	4.00	1.31	766.95	85.66	21.60	0.00	1229.00	310.70
6	22.80	17.29	15.00	2.70	0.87	767.80	85.48	2.20	0.00	1116.00	215.29
7	25.00	18.54	14.10	3.10	1.06	767.83	80.05	0.00	0.00	989.00	341.35
8	23.10	18.71	16.10	2.20	0.72	767.54	85.24	45.60	0.00	567.00	196.96
9	24.70	19.58	15.90	1.80	0.73	766.97	84.15	1.00	0.00	1065.00	244.62
10	24.00	19.20	16.30	3.60	1.11	767.01	83.52	18.20	0.00	1028.00	186.22
11	25.20	19.33	15.70	2.20	0.76	766.71	83.41	37.40	0.00	1008.00	295.28
12	24.10	19.05	16.30	2.20	0.78	766.70	86.40	25.00	0.00	1083.00	241.79
13	20.80	17.98	15.80	1.80	0.84	767.65	88.42	4.80	0.00	461.00	165.41
14	23.10	18.73	15.60	2.70	1.03	767.25	82.94	1.00	0.00	586.00	197.92
15	23.70	19.31	16.40	2.20	0.96	766.76	81.75	1.40	0.00	839.00	207.30
16	22.60	18.33	15.40	2.20	0.98	767.46	84.23	0.40	0.00	792.00	201.72
17	25.20	18.86	15.40	5.80	1.07	767.36	83.72	18.60	0.00	1062.00	291.93
18	22.10	18.63	15.90	1.80	0.95	767.44	86.94	10.20	0.00	371.00	182.51
19	26.40	20.68	16.40	1.80	0.82	766.06	77.96	0.00	0.00	1010.00	307.49
20	25.60	20.30	17.20	3.10	1.06	765.94	81.58	0.80	0.00	1094.00	252.57
21	26.70	20.54	17.30	3.10	1.01	766.36	81.13	15.60	0.00	1125.00	282.52
22	24.90	20.67	17.80	1.80	0.68	765.95	83.10	0.20	0.00	562.00	267.63
23	25.60	20.19	17.00	1.80	0.71	765.66	84.65	6.20	0.00	986.00	285.30
24	22.40	18.60	16.30	2.20	0.87	766.63	88.27	2.00	0.00	427.00	173.12
25	26.40	20.40	16.80	1.80	0.81	766.83	80.83	0.00	0.00	1115.00	366.27
26	26.90	21.38	17.70	2.20	0.80	765.60	77.98	0.00	0.00	981.00	343.18
27	24.30	19.79	17.70	1.80	0.94	766.01	84.73	5.60	0.00	638.00	167.04
28	24.20	19.70	17.20	2.70	0.93	766.54	85.37	0.00	0.00	1116.00	275.87
29	22.80	19.13	16.80	1.80	0.69	766.37	89.31	19.00	0.00	1076.00	205.59
30	24.80	20.00	17.00	1.30	0.70	766.43	84.76	0.00	0.00	895.00	273.86
TOTAL								270.60	0.00		
PROM	24.29	19.28	16.26	2.48	0.91	766.84	83.80			917.87	260.40

Cuadro 1: Resumen de análisis climatológico

Estación: Mundo Nuevo
Fecha: Noviembre de 2009
Registros: 30 de 30

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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	1	0	0	0	0	2	2	7.00	1.00	4.17	70.00	6.60	4.95	16.80
2	0	2	0	1	2	0	0	1	3	20.20	4.17	17.36	140.00	11.40	4.56	16.80
3	0	1	1	1	3	0	0	0	3	6.60	2.00	8.33	130.00	6.20	2.66	10.80
4	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0	1	0	6	2	0	1	4	7	21.60	3.83	15.97	180.00	20.00	6.32	43.20
6	0	0	2	0	0	0	2	0	2	2.20	1.17	4.86	70.00	1.20	0.90	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	1	1	0	0	0	0	1	1	2	45.60	3.33	13.89	150.00	40.80	15.30	48.00
9	0	0	1	0	1	0	0	0	1	1.00	0.83	3.47	50.00	1.00	1.00	1.20
10	1	0	0	1	0	0	1	1	2	18.20	1.50	6.25	80.00	17.80	11.87	33.60
11	1	0	0	0	0	0	0	1	1	37.40	2.33	9.72	160.00	37.40	13.20	45.60
12	1	1	0	0	0	0	0	2	2	25.00	2.33	9.72	120.00	19.00	8.77	38.40
13	0	0	2	0	0	1	1	0	2	4.80	2.17	9.03	80.00	2.60	1.73	4.80
14	0	0	0	1	0	0	1	0	1	1.00	0.83	3.47	70.00	1.00	0.75	1.20
15	0	0	1	0	0	0	1	0	1	1.40	0.67	2.78	50.00	1.40	1.40	2.40
16	0	0	0	2	0	0	2	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
17	1	0	1	1	0	0	2	1	3	18.60	2.17	9.03	130.00	17.80	7.63	40.80
18	0	1	0	2	3	0	0	0	3	10.20	2.00	8.33	90.00	9.40	5.64	27.60
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	1	0	1	0.80	0.33	1.39	30.00	0.80	1.20	3.60
21	1	0	0	0	0	0	1	0	1	15.60	1.50	6.25	100.00	15.60	8.51	40.80
22	0	0	0	1	1	0	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
23	0	1	1	1	1	0	1	1	3	6.20	1.50	6.25	60.00	5.00	4.29	15.60
24	0	0	2	0	0	0	2	0	2	2.00	1.00	4.17	50.00	1.40	1.40	3.60
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	1	0	0	0	0	1	0	1	5.60	1.17	4.86	90.00	5.60	3.36	9.60
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	2	0	0	1	0	1	0	2	19.00	2.50	10.42	140.00	16.80	6.72	20.40
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	1	2	2	6	3	1	2	4	7	45.60	4.17	17.36	180.00	40.80	15.30	48.00
TOTAL	6	12	13	17	14	1	19	14	48	270.60	38.83	5.39				

Cuadro 1: Análisis mensual de lluvias

F	Fuerte	$7.6 \text{ (mm/h)} < \text{intensidad}$
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