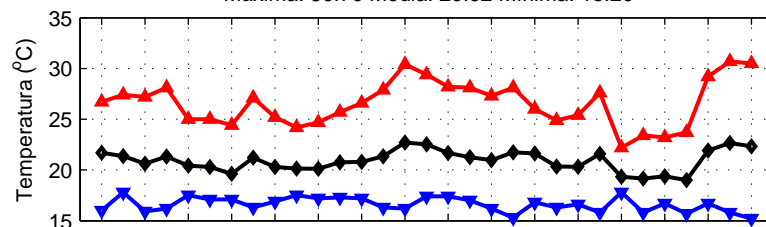


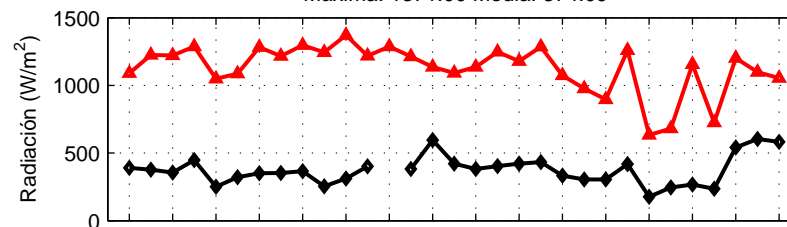
**Estación: UTP**  
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Reporte climatológico mensual  
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Aprobó: Ph.D. Juan Mauricio Castaño Rojas. Director REDH.  
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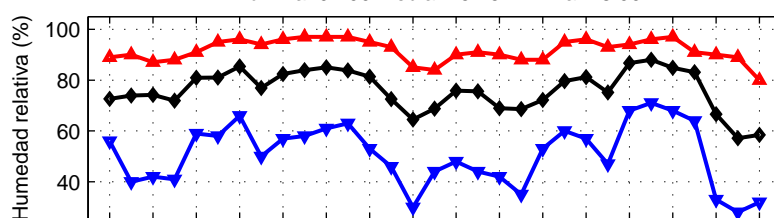
Máxima: 30.70 Media: 20.92 Mínima: 15.20



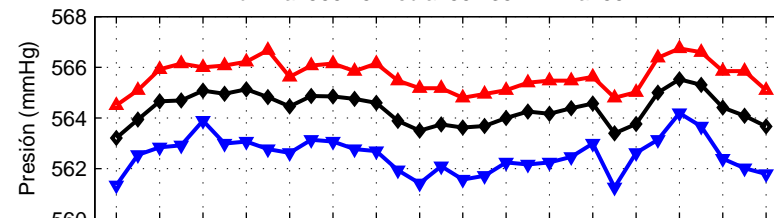
Máxima: 1371.00 Media: 374.09



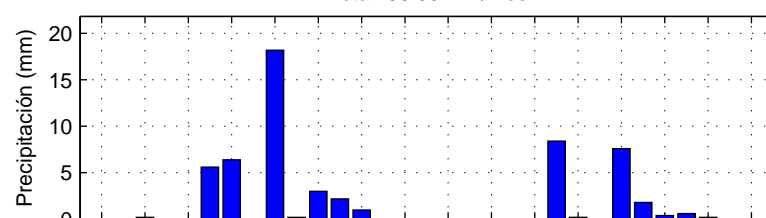
Máxima: 97.00 Media: 76.16 Mínima: 28.00



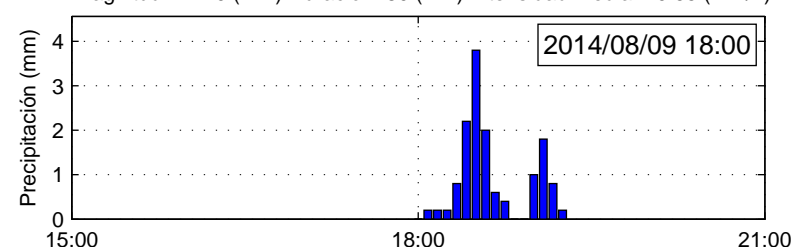
Máxima: 566.75 Media: 564.35 Mínima: 561.27



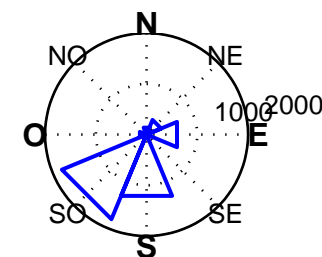
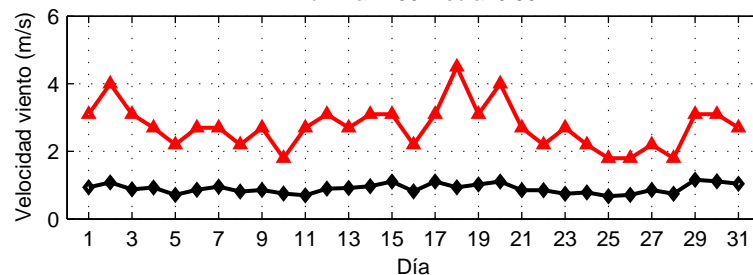
Total: 56.00 mm/mes



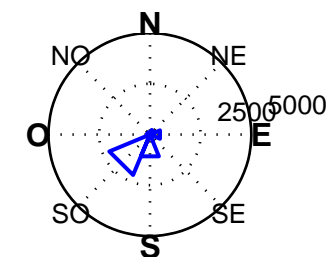
Magnitud: 14.20 (mm) Duración: 80 (min) Intensidad Media: 10.65 (mm/h)



Máxima: 4.50 Media: 0.90



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 <sup>2</sup> )	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	26.70	21.70	16.00	3.10	0.93	563.21	72.60	0.00	3.66	1090.00	390.28
2	27.40	21.37	17.80	4.00	1.08	563.94	73.94	0.00	3.54	1224.00	376.82
3	27.20	20.63	15.90	3.10	0.88	564.66	74.17	0.20	3.38	1222.00	355.61
4	28.10	21.33	16.20	2.70	0.93	564.69	71.89	0.00	4.05	1288.00	447.25
5	25.00	20.41	17.50	2.20	0.71	565.08	80.92	0.00	2.22	1049.00	250.31
6	25.00	20.30	17.10	2.70	0.86	564.95	81.02	5.60	2.76	1086.00	320.51
7	24.40	19.61	17.10	2.70	0.95	565.13	85.37	6.40	2.86	1283.00	350.62
8	27.10	21.21	16.30	2.20	0.81	564.82	76.92	0.00	3.10	1217.00	351.65
9	25.20	20.29	16.90	2.70	0.86	564.46	82.42	18.20	3.02	1297.00	365.36
10	24.20	20.14	17.50	1.80	0.75	564.87	83.86	0.20	2.08	1245.00	253.45
11	24.70	20.13	17.20	2.70	0.70	564.85	85.01	3.00	2.37	1371.00	310.85
12	25.70	20.75	17.30	3.10	0.89	564.76	83.80	2.20	3.24	1218.00	401.42
13	26.60	20.80	17.20	2.70	0.92	564.60	81.35	1.00	2.89	1287.00	
14	27.90	21.34	16.30	3.10	0.97	563.88	72.53	0.00	3.48	1214.00	382.49
15	30.40	22.69	16.20	3.10	1.11	563.50	64.50	0.00	5.35	1136.00	594.99
16	29.40	22.53	17.40	2.20	0.82	563.75	68.80	0.00	3.83	1091.00	420.92
17	28.20	21.66	17.40	3.10	1.11	563.63	75.87	0.00	3.50	1136.00	381.28
18	28.10	21.25	17.00	4.50	0.94	563.68	75.55	0.00	3.58	1248.00	403.76
19	27.30	20.97	16.20	3.10	1.02	564.00	68.91	0.00	3.80	1178.00	421.65
20	28.10	21.74	15.30	4.00	1.11	564.26	68.56	0.00	4.10	1285.00	433.01
21	26.00	21.64	16.80	2.70	0.85	564.17	72.14	0.00	2.98	1073.00	332.06
22	24.90	20.32	16.30	2.20	0.85	564.39	79.57	8.40	2.57	976.00	304.23
23	25.40	20.32	16.60	2.70	0.74	564.57	81.23	0.20	2.42	896.00	304.43
24	27.60	21.58	15.80	2.20	0.78	563.39	75.19	0.00	3.43	1259.00	417.73
25	22.20	19.34	17.80	1.80	0.67	563.76	86.71	7.60	1.36	634.00	175.87
26	23.40	19.15	15.80	1.80	0.71	564.99	88.03	1.80	1.84	681.00	245.77
27	23.20	19.38	16.70	2.20	0.86	565.52	84.90	0.40	2.10	1155.00	267.63
28	23.70	19.00	15.70	1.80	0.74	565.31	83.09	0.60	1.89	725.00	235.67
29	29.20	21.91	16.70	3.10	1.16	564.41	66.62	0.20	5.00	1202.00	541.58
30	30.70	22.65	15.80	3.10	1.12	564.09	57.18	0.00	5.64	1099.00	603.72
31	30.50	22.33	15.20	2.70	1.04	563.67	58.45	0.00	5.38	1054.00	581.77
TOTAL								56.00	101.42		
PROM	26.56	20.92	16.61	2.75	0.90	564.35	76.16			1126.42	374.09

Cuadro 1: Resumen de análisis climatológico

**Estación: UTP**  
**Fecha: Agosto de 2014**  
**Registros: 31 de 31**

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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	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0	1	1	0	0	1	0	1	2	5.60	1.17	4.86	40.00	4.20	5.04	15.60
7	0	1	1	2	1	1	2	0	4	6.40	1.83	7.64	50.00	3.60	3.60	12.00
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	2	0	2	0	3	0	0	4	18.20	3.33	13.89	160.00	14.20	5.01	22.80
10	0	0	0	1	0	0	1	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
11	0	0	2	1	1	0	1	1	3	3.00	1.50	6.25	60.00	1.40	1.20	4.80
12	0	0	1	4	3	0	2	0	5	2.20	1.33	5.56	60.00	1.20	1.03	3.60
13	0	0	1	1	0	0	0	2	2	1.00	0.33	1.39	20.00	0.80	1.60	4.80
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	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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	0	0	0	1	0	1	8.40	1.67	6.94	110.00	8.40	4.20	14.40
23	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
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	1	0	1	0	1	1	0	2	7.60	2.50	10.42	150.00	7.00	2.63	10.80
26	0	0	0	5	1	1	3	0	5	1.80	1.50	6.25	60.00	1.00	0.86	1.20
27	0	0	0	2	1	0	1	0	2	0.40	0.33	1.39	20.00	0.20	0.40	1.20
28	0	0	0	1	0	0	1	0	1	0.60	0.50	2.08	90.00	0.60	0.36	1.20
29	0	0	0	1	0	1	0	0	1	0.20	0.17	0.69	20.00	0.20	0.40	1.20
30	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	0	2	2	5	3	3	3	2	5	18.20	3.33	13.89	160.00	14.20	5.04	22.80
TOTAL	0	6	6	23	7	9	14	4	35	56.00	16.67	2.24				

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