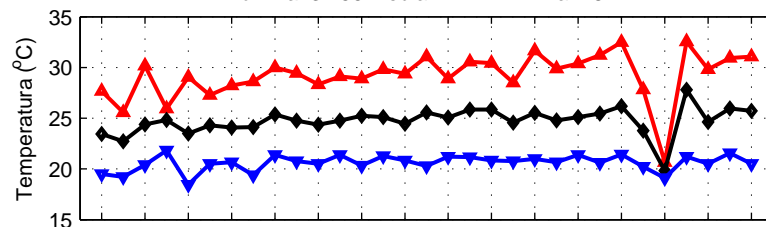


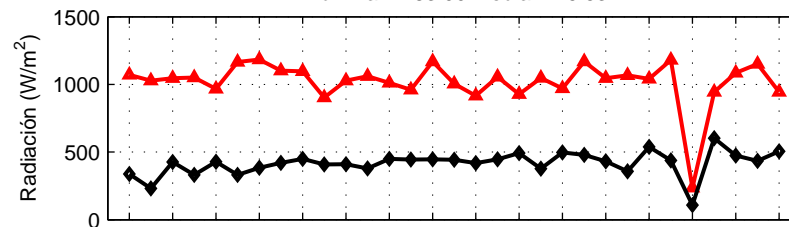
Estación: Quinchia Seafield
Fecha: Julio de 2014
Registros: 31 de 31

Reporte climatológico mensual
Red Hidroclimatológica del Departamento de Risaralda
Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH
Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
Contáctenos: <http://www.utp.edu.co/hidroclimatologica>

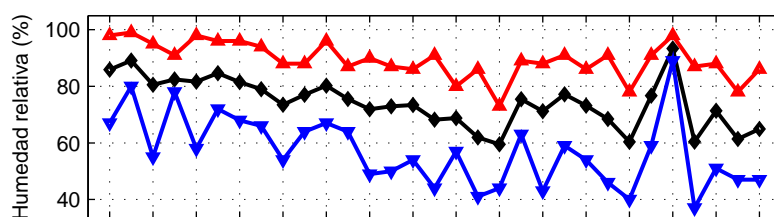
Máxima: 32.56 Media: 24.74 Mínima: 18.44



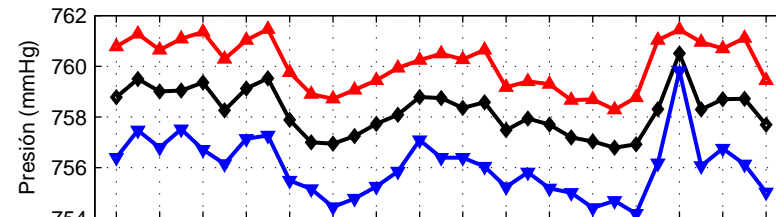
Máxima: 1183.00 Media: 416.53



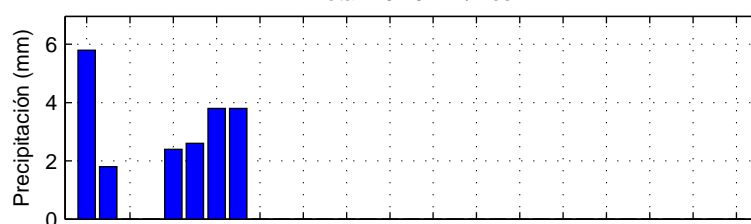
Máxima: 99.00 Media: 74.24 Mínima: 37.00



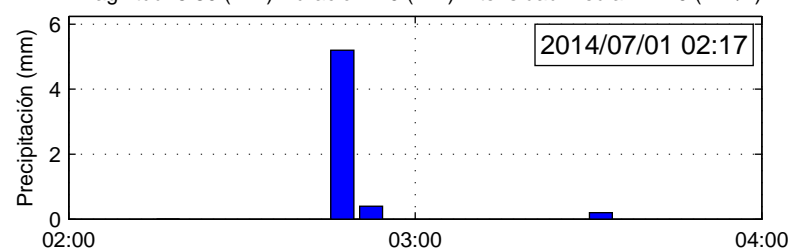
Máxima: 761.46 Media: 758.23 Mínima: 754.19



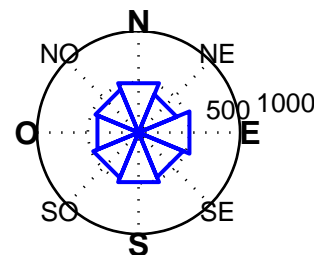
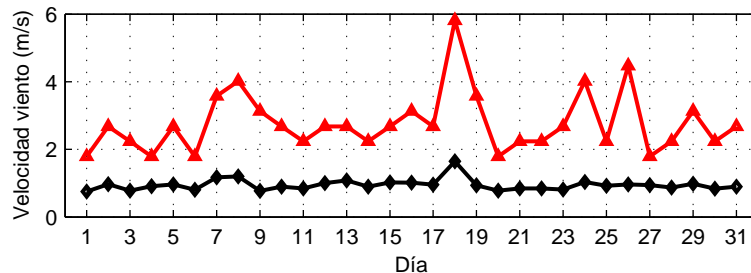
Total: 20.20 mm/mes



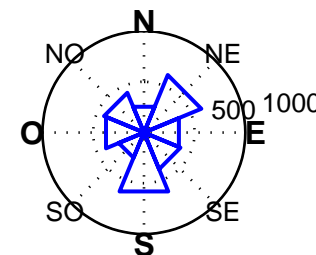
Magnitud: 5.80 (mm) Duración: 20 (min) Intensidad Media: 17.40 (mm/h)



Máxima: 5.81 Media: 0.95



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Quinchia Seafield
Fecha: Julio de 2014
Registros: 31 de 31

Red Hidroclimatológica del Departamento de Risaralda
 Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH
 Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
 Contáctenos: www.utp.edu.co/hidroclimatologica

Día	Temperatura (°C)			Vel. Viento (m/s)		Presión (mmHg)	Humedad (%)	Precipitación (mm)	Evap (mm)	Radiación solar (W/m ²)	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	27.67	23.45	19.50	1.79	0.75	758.78	85.91	5.80	2.74	1071.00	337.66
2	25.56	22.72	19.22	2.68	0.97	759.50	89.07	1.80	2.11	1028.00	230.65
3	30.17	24.39	20.39	2.24	0.78	759.01	80.51	0.00	3.61	1046.00	426.58
4	25.94	24.83	21.83	1.79	0.91	759.04	82.40	0.00	2.26	1051.00	331.20
5	29.06	23.49	18.44	2.68	0.96	759.36	81.61	2.40	3.53	967.00	428.10
6	27.28	24.30	20.50	1.79	0.80	758.26	84.63	2.60	2.72	1165.00	331.25
7	28.22	24.08	20.67	3.58	1.17	759.12	81.46	3.80	2.62	1183.00	384.05
8	28.61	24.12	19.39	4.02	1.20	759.53	78.93	3.80	4.50	1102.00	420.50
9	30.00	25.36	21.39	3.13	0.77	757.89	73.44	0.00	3.86	1097.00	448.68
10	29.44	24.76	20.78	2.68	0.89	757.00	77.01	0.00	3.46	902.00	408.07
11	28.33	24.36	20.50	2.24	0.84	756.95	80.26	0.00	3.40	1027.00	410.58
12	29.11	24.76	21.39	2.68	1.00	757.25	75.48	0.00	3.38	1060.00	378.40
13	28.89	25.23	20.33	2.68	1.08	757.73	71.93	0.00	4.04	1011.00	448.84
14	29.83	25.11	21.28	2.24	0.90	758.09	72.94	0.00	4.07	960.00	443.88
15	29.39	24.44	20.83	2.68	1.02	758.79	73.41	0.00	3.89	1169.00	446.31
16	31.06	25.57	20.28	3.13	1.02	758.75	68.19	0.00	4.04	1005.00	442.36
17	28.89	25.06	21.22	2.68	0.96	758.36	68.77	0.00	3.81	916.00	418.41
18	30.56	25.86	21.17	5.81	1.64	758.57	61.96	0.00	4.32	1055.00	445.98
19	30.44	25.85	20.83	3.58	0.94	757.48	59.49	0.00	4.55	928.00	491.79
20	28.50	24.55	20.78	1.79	0.78	757.93	75.46	0.00	3.38	1048.00	376.49
21	31.67	25.54	21.00	2.24	0.85	757.70	71.23	0.00	4.29	970.00	496.49
22	29.89	24.78	20.67	2.24	0.84	757.19	77.17	0.00	3.79	1169.00	478.34
23	30.39	25.10	21.39	2.68	0.81	757.04	73.16	0.00	3.76	1046.00	431.94
24	31.22	25.46	20.61	4.02	1.04	756.79	68.46	0.00	3.51	1067.00	356.55
25	32.50	26.18	21.44	2.24	0.93	756.92	60.32	0.00	4.78	1041.00	537.30
26	27.83	23.77	20.22	4.47	0.96	758.31	76.68	0.00	3.74	1181.00	438.20
27	20.67	19.83	19.11	1.79	0.94	760.51	93.30	0.00	0.08	236.00	107.81
28	32.56	27.81	21.22	2.24	0.87	758.30	60.44	0.00	5.44	944.00	602.07
29	29.83	24.63	20.50	3.13	0.98	758.70	71.34	0.00	4.19	1085.00	474.14
30	30.94	25.97	21.56	2.24	0.84	758.72	61.40	0.00	4.12	1151.00	433.94
31	31.06	25.72	20.50	2.68	0.89	757.70	64.92	0.00	4.70	944.00	505.97
TOTAL								20.20	112.69		
PROM	29.21	24.74	20.61	2.77	0.95	758.23	74.24			1020.16	416.53

Cuadro 1: Resumen de análisis climatológico

Estación: Quinchia Seafield
Fecha: Julio de 2014
Registros: 31 de 31

Red Hidroclimatológica del Departamento de Risaralda
 Revisó: Adm. Ambiental Victor Manuel Bermúdez Marín. Operador REDH
 Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
 Contáctenos: www.utp.edu.co/hidroclimatologica

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	1	0	0	0	1	0	0	0	1	5.80	0.25	1.04	20.00	5.80	13.92	62.40
2	0	0	2	0	1	0	1	0	2	1.80	0.67	2.78	90.00	1.60	1.01	4.80
3	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	1	0	2	0	2	1	0	0	3	2.40	0.33	1.39	5.00	1.60	9.60	19.20
6	1	0	0	0	1	0	0	0	1	2.60	0.08	0.35	10.00	2.60	10.40	31.20
7	0	1	1	0	0	0	1	1	2	3.80	0.67	2.78	40.00	3.60	4.80	9.60
8	1	0	0	0	0	1	0	0	1	3.80	0.08	0.35	10.00	3.80	15.20	45.60
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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	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	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	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	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	1	1	2	0	2	1	1	1	3	5.80	0.67	2.78	90.00	5.80	15.20	62.40
TOTAL	4	1	5	0	5	2	2	1	10	20.20	2.08	0.28				

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