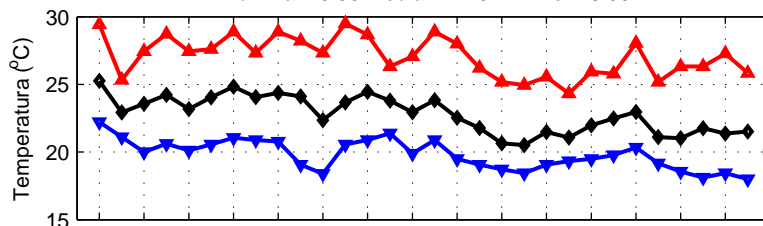


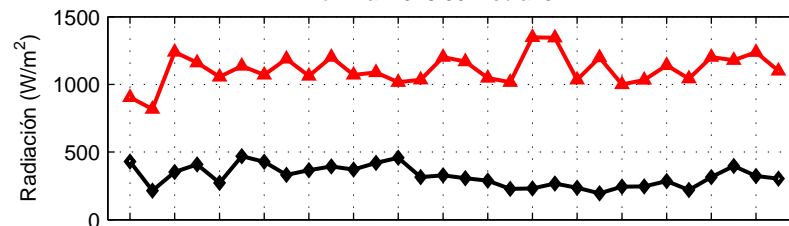
Estación: Quinchia Seafield
Fecha: Abril de 2013
Registros: 30 de 30

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

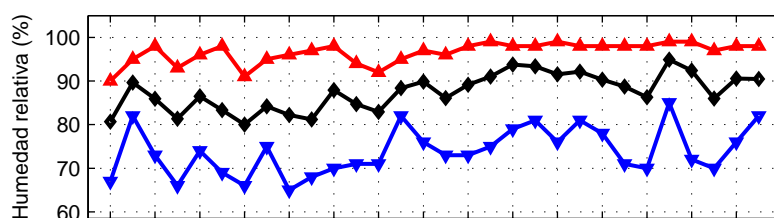
Máxima: 29.50 Media: 22.79 Mínima: 18.00



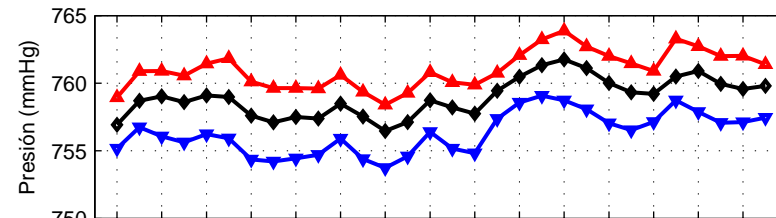
Máxima: 1348.00 Media: 321.17



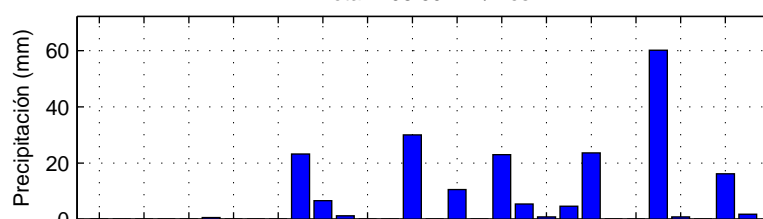
Máxima: 99.00 Media: 87.51 Mínima: 65.00



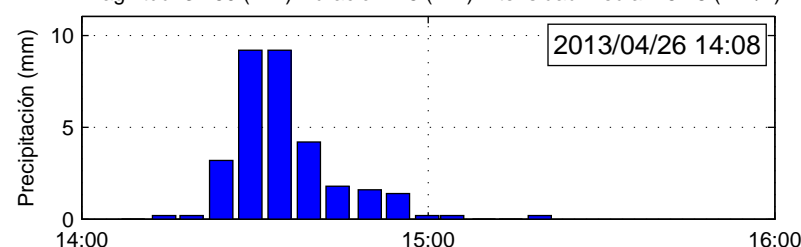
Máxima: 763.88 Media: 758.95 Mínima: 753.74



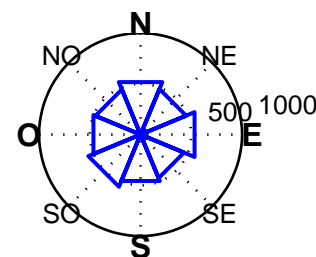
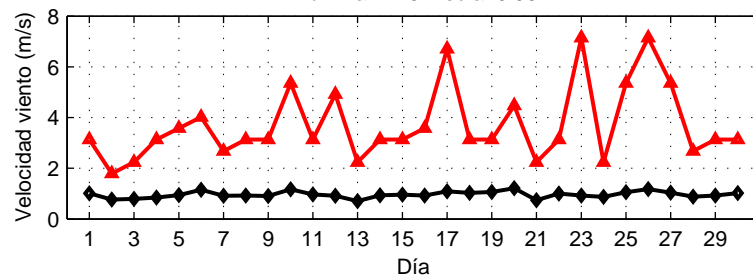
Total: 208.60 mm/mes



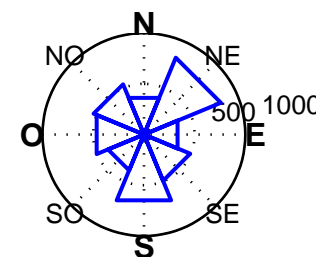
Magnitud: 31.60 (mm) Duración: 75 (min) Intensidad Media: 25.28 (mm/h)



Máxima: 7.15 Media: 0.96



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Quinchia Seafield
Fecha: Abril de 2013
Registros: 30 de 30

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: www.utp.edu.co/hidroclimatologica

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	29.44	25.26	22.22	3.13	1.02	756.92	80.70	0.00	3.28	905.00	428.91
2	25.33	22.92	21.11	1.79	0.77	758.69	89.65	0.00	1.65	817.00	215.01
3	27.44	23.57	20.00	2.24	0.79	759.03	85.91	0.00	2.80	1239.00	352.21
4	28.72	24.22	20.61	3.13	0.85	758.60	81.37	0.00	3.23	1160.00	407.50
5	27.44	23.17	20.11	3.58	0.94	759.09	86.49	0.00	2.11	1056.00	271.71
6	27.61	24.05	20.56	4.02	1.15	758.97	83.31	0.60	3.68	1136.00	468.86
7	28.89	24.83	21.06	2.68	0.91	757.59	80.00	0.00	3.58	1071.00	427.80
8	27.33	24.06	20.89	3.13	0.92	757.11	84.20	0.00	2.77	1188.00	331.72
9	28.89	24.37	20.78	3.13	0.91	757.49	82.19	0.00	2.97	1062.00	364.74
10	28.22	24.11	19.06	5.36	1.17	757.39	81.18	23.20	3.20	1201.00	393.06
11	27.33	22.35	18.39	3.13	0.97	758.49	87.93	6.60	2.90	1071.00	370.15
12	29.50	23.67	20.56	4.92	0.91	757.54	84.73	1.20	3.15	1088.00	420.13
13	28.67	24.45	20.89	2.24	0.70	756.47	82.91	0.00	3.58	1016.00	457.96
14	26.33	23.80	21.39	3.13	0.93	757.12	88.36	0.00	2.49	1034.00	314.40
15	27.06	22.94	19.89	3.13	0.96	758.74	89.86	30.00	2.41	1202.00	328.24
16	28.89	23.83	20.89	3.58	0.92	758.21	86.07	0.00	2.57	1169.00	306.62
17	28.00	22.54	19.50	6.71	1.09	757.75	89.13	10.60	2.16	1048.00	288.65
18	26.22	21.77	19.06	3.13	1.03	759.44	91.02	0.00	1.68	1016.00	227.75
19	25.17	20.64	18.72	3.13	1.06	760.47	93.77	23.00	1.47	1348.00	231.19
20	24.94	20.52	18.44	4.47	1.22	761.32	93.38	5.40	1.96	1345.00	266.37
21	25.56	21.49	19.06	2.24	0.74	761.75	91.51	0.80	1.78	1034.00	236.13
22	24.33	21.08	19.33	3.13	1.00	761.12	92.14	4.60	1.70	1199.00	194.84
23	25.94	21.98	19.50	7.15	0.92	760.02	90.33	23.60	1.96	1000.00	243.74
24	25.78	22.48	19.78	2.24	0.87	759.32	88.74	0.00	1.85	1032.00	245.00
25	28.06	22.95	20.33	5.36	1.05	759.20	86.26	0.00	2.34	1141.00	285.13
26	25.17	21.10	19.17	7.15	1.18	760.49	94.88	60.20	1.68	1042.00	218.73
27	26.33	21.02	18.56	5.36	1.04	760.91	92.41	0.80	2.49	1202.00	314.87
28	26.33	21.77	18.11	2.68	0.88	759.95	85.95	0.00	3.10	1178.00	397.34
29	27.28	21.37	18.44	3.13	0.93	759.56	90.54	16.20	2.41	1238.00	323.14
30	25.83	21.52	18.00	3.13	1.02	759.80	90.45	1.80	2.41	1100.00	303.10
TOTAL								208.60	75.36		
PROM	27.07	22.79	19.81	3.71	0.96	758.95	87.51			1111.27	321.17

Cuadro 1: Resumen de análisis climatológico

Estación: Quinchia Seafield
Fecha: Abril de 2013
Registros: 30 de 30

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: 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	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	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	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	0	0	0	1	0	0	1	0.60	0.08	0.35	10.00	0.60	2.40	7.20
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	1	0	0	0	0	0	0	1	1	23.20	1.25	5.21	100.00	23.20	13.26	45.60
11	0	1	1	0	1	1	0	0	2	6.60	2.00	8.33	150.00	6.40	2.48	7.20
12	0	0	2	0	0	0	1	1	2	1.20	0.42	1.74	35.00	1.00	1.50	4.80
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	2	0	1	0	3	0	0	0	3	30.00	1.83	7.64	70.00	19.60	15.68	57.60
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	1	3	0	0	0	2	2	4	10.60	1.83	7.64	70.00	8.20	6.56	28.80
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	1	6	0	2	1	3	1	7	23.00	6.42	26.74	325.00	18.20	3.31	14.40
20	0	2	1	0	0	1	2	0	3	5.40	0.83	3.47	30.00	3.60	6.17	21.60
21	0	0	4	0	1	1	0	2	4	0.80	0.33	1.39	10.00	0.20	0.80	2.40
22	1	1	3	0	1	3	1	0	5	4.60	0.58	2.43	10.00	2.60	10.40	31.20
23	1	0	3	0	1	1	0	2	4	23.60	1.00	4.17	40.00	22.60	30.13	84.00
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	2	1	4	1	4	0	1	3	8	60.20	4.83	20.14	75.00	31.60	23.70	110.40
27	0	0	4	0	1	1	0	2	4	0.80	0.33	1.39	10.00	0.20	0.80	2.40
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	1	0	2	0	0	0	2	1	3	16.20	4.50	18.75	355.00	10.00	1.67	4.80
30	0	0	2	1	2	0	0	1	3	1.80	0.75	3.13	85.00	1.00	0.67	2.40
MAX	2	2	6	1	4	3	3	3	8	60.20	6.42	26.74	355.00	31.60	30.13	110.40
TOTAL	8	8	36	2	16	10	12	16	54	208.60	27.00	3.75				

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