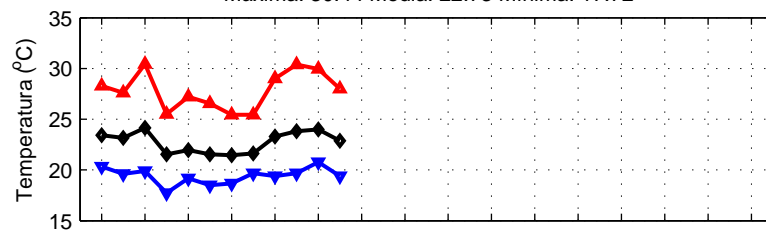


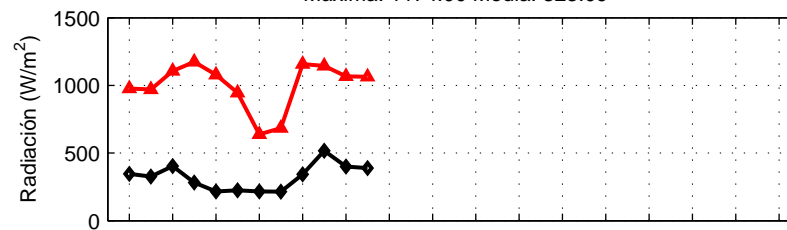
Estación: Quinchia Seafield
Fecha: Octubre de 2012
Registros: 12 de 31

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>

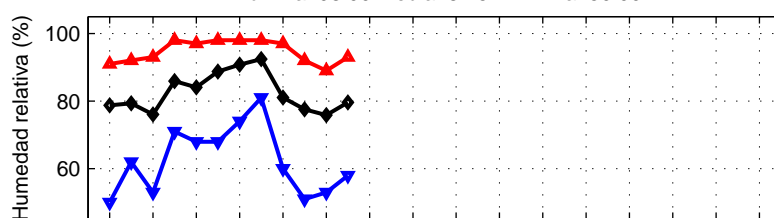
Máxima: 30.44 Media: 22.73 Mínima: 17.72



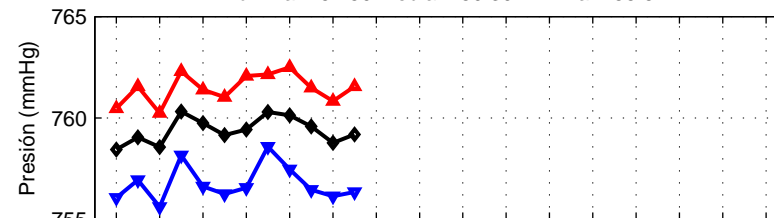
Máxima: 1174.00 Media: 323.09



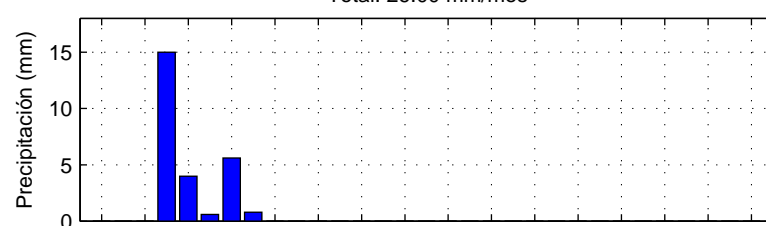
Máxima: 98.00 Media: 82.51 Mínima: 50.00



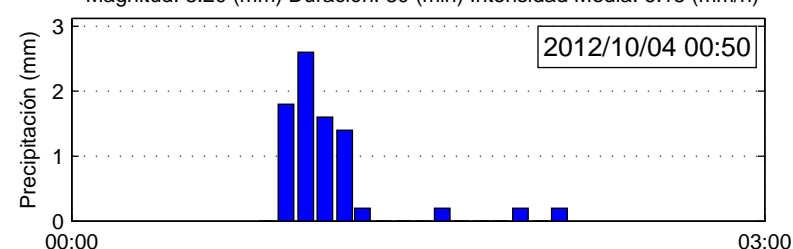
Máxima: 762.50 Media: 759.39 Mínima: 755.62



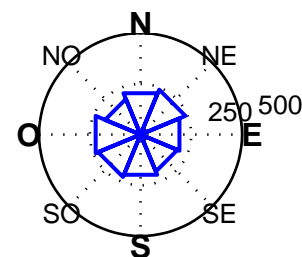
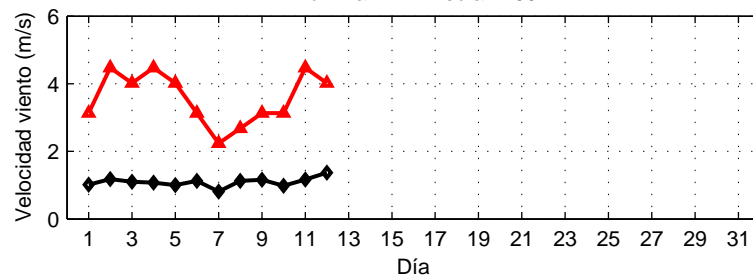
Total: 26.00 mm/mes



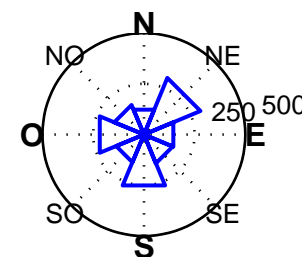
Magnitud: 8.20 (mm) Duración: 80 (min) Intensidad Media: 6.15 (mm/h)



Máxima: 4.47 Media: 1.09



Dirección del viento (Día)



Dirección del viento (Noche)



Estación: Quinchia Seafield
Fecha: Octubre de 2012
Registros: 12 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: 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 | 28.28 | 23.43 | 20.33 | 3.13 | 1.02 | 758.44 | 78.77 | 0.00 | 2.82 | 977.00 | 345.59 |
| 2 | 27.61 | 23.17 | 19.61 | 4.47 | 1.18 | 759.05 | 79.35 | 0.00 | 2.85 | 970.00 | 326.59 |
| 3 | 30.44 | 24.14 | 19.89 | 4.02 | 1.10 | 758.56 | 76.03 | 0.00 | 3.38 | 1106.00 | 403.84 |
| 4 | 25.50 | 21.54 | 17.72 | 4.47 | 1.07 | 760.31 | 85.92 | 15.00 | 2.16 | 1174.00 | 282.50 |
| 5 | 27.22 | 21.95 | 19.17 | 4.02 | 1.00 | 759.75 | 84.04 | 4.00 | 1.73 | 1078.00 | 216.18 |
| 6 | 26.56 | 21.54 | 18.50 | 3.13 | 1.13 | 759.15 | 88.76 | 0.60 | 1.70 | 946.00 | 224.15 |
| 7 | 25.44 | 21.44 | 18.67 | 2.24 | 0.81 | 759.43 | 90.75 | 5.60 | 1.68 | 638.00 | 216.71 |
| 8 | 25.44 | 21.62 | 19.67 | 2.68 | 1.13 | 760.29 | 92.43 | 0.80 | 1.63 | 684.00 | 214.61 |
| 9 | 29.00 | 23.29 | 19.39 | 3.13 | 1.16 | 760.13 | 81.05 | 0.00 | 2.92 | 1157.00 | 342.08 |
| 10 | 30.39 | 23.81 | 19.67 | 3.13 | 0.98 | 759.58 | 77.56 | 0.00 | 5.74 | 1144.00 | 516.14 |
| 11 | 29.94 | 24.00 | 20.78 | 4.47 | 1.17 | 758.77 | 75.83 | 0.00 | 2.95 | 1067.00 | 400.74 |
| 12 | 28.00 | 22.87 | 19.39 | 4.02 | 1.37 | 759.19 | 79.58 | 0.00 | 2.97 | 1063.00 | 387.93 |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| 17 | | | | | | | | | | | |
| 18 | | | | | | | | | | | |
| 19 | | | | | | | | | | | |
| 20 | | | | | | | | | | | |
| 21 | | | | | | | | | | | |
| 22 | | | | | | | | | | | |
| 23 | | | | | | | | | | | |
| 24 | | | | | | | | | | | |
| 25 | | | | | | | | | | | |
| 26 | | | | | | | | | | | |
| 27 | | | | | | | | | | | |
| 28 | | | | | | | | | | | |
| 29 | | | | | | | | | | | |
| 30 | | | | | | | | | | | |
| 31 | | | | | | | | | | | |
| TOTAL | | | | | | | | 26.00 | 32.53 | | |
| PROM | 27.82 | 22.73 | 19.40 | 3.58 | 1.09 | 759.39 | 82.51 | | | 1000.33 | 323.09 |

Cuadro 1: Resumen de análisis climatológico

Estación: Quinchia Seafield
Fecha: Octubre de 2012
Registros: 12 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: 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 | 1 | 2 | 0 | 2 | 1 | 0 | 0 | 3 | 15.00 | 2.83 | 11.81 | 80.00 | 8.20 | 5.79 | 31.20 |
| 5 | 0 | 0 | 5 | 1 | 0 | 0 | 1 | 5 | 6 | 4.00 | 1.50 | 6.25 | 40.00 | 1.40 | 1.87 | 2.40 |
| 6 | 0 | 0 | 3 | 0 | 2 | 1 | 0 | 0 | 3 | 0.60 | 0.25 | 1.04 | 10.00 | 0.20 | 0.80 | 2.40 |
| 7 | 0 | 0 | 7 | 0 | 6 | 1 | 0 | 0 | 7 | 5.60 | 2.08 | 8.68 | 105.00 | 4.20 | 2.29 | 4.80 |
| 8 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 0 | 3 | 0.80 | 0.33 | 1.39 | 30.00 | 0.40 | 0.69 | 2.40 |
| 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 | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | |
| MAX | 0 | 1 | 7 | 1 | 6 | 1 | 1 | 5 | 7 | 15.00 | 2.83 | 11.81 | 105.00 | 8.20 | 5.79 | 31.20 |
| TOTAL | 0 | 1 | 19 | 2 | 11 | 4 | 2 | 5 | 22 | 26.00 | 7.00 | 0.94 | | | | |

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