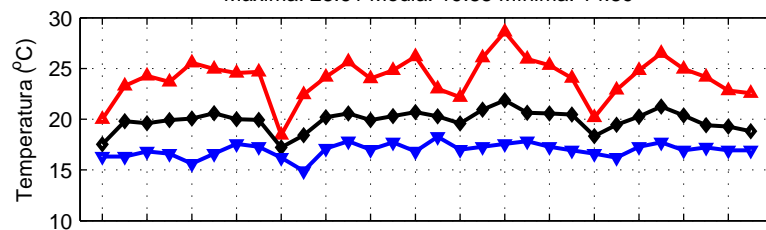


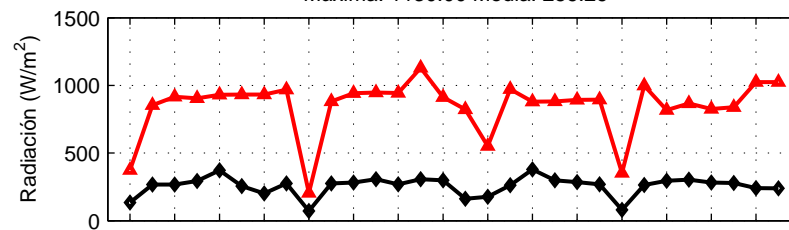
Estación: Lago
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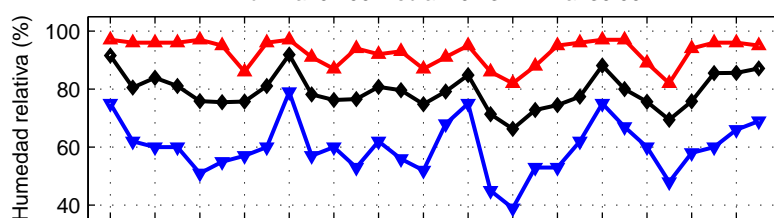
Máxima: 28.61 Media: 19.88 Mínima: 14.89



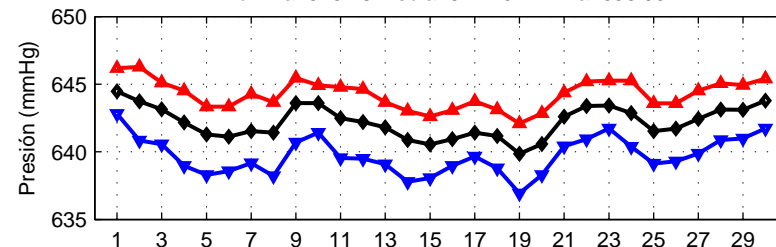
Máxima: 1130.00 Media: 256.26



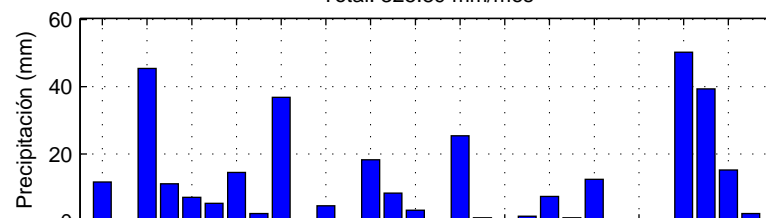
Máxima: 97.00 Media: 79.23 Mínima: 39.00



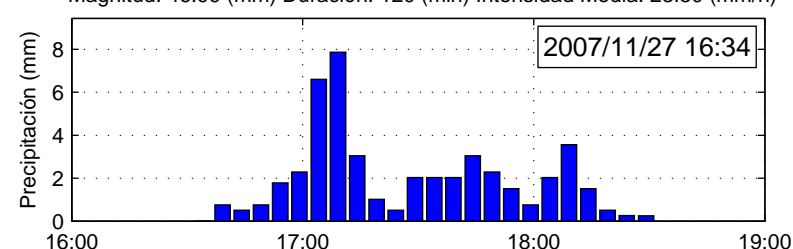
Máxima: 646.28 Media: 642.20 Mínima: 636.93



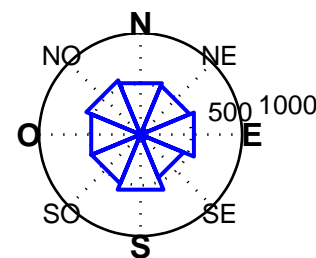
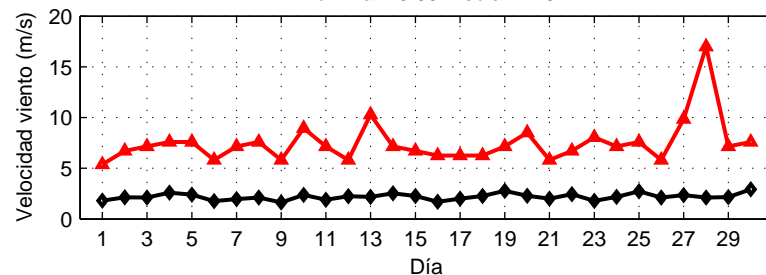
Total: 325.89 mm/mes



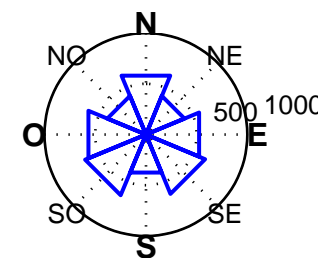
Magnitud: 46.99 (mm) Duración: 120 (min) Intensidad Media: 23.50 (mm/h)



Máxima: 16.99 Media: 2.19



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 ²) | |
|-------|------------------|-------|-------|-------------------|-------|----------------|-------------|--------------------|-----------|-------------------------------------|--------|
| | Máx | Media | Mín | Máx | Media | Media | Media | Total | Total | Máx | Media |
| 1 | 20.00 | 17.53 | 16.33 | 5.37 | 1.80 | 644.47 | 91.59 | 11.68 | 9.91 | 373.00 | 134.64 |
| 2 | 23.28 | 19.80 | 16.33 | 6.71 | 2.15 | 643.74 | 80.54 | 0.76 | 23.89 | 853.00 | 266.80 |
| 3 | 24.28 | 19.60 | 16.83 | 7.16 | 2.11 | 643.14 | 83.94 | 45.47 | 23.38 | 916.00 | 266.71 |
| 4 | 23.67 | 19.92 | 16.61 | 7.60 | 2.59 | 642.17 | 81.06 | 11.17 | 27.70 | 905.00 | 293.10 |
| 5 | 25.56 | 20.07 | 15.61 | 7.60 | 2.40 | 641.28 | 75.91 | 7.11 | 33.54 | 930.00 | 371.56 |
| 6 | 24.94 | 20.59 | 16.61 | 5.81 | 1.76 | 641.13 | 75.51 | 5.34 | 24.15 | 933.00 | 254.85 |
| 7 | 24.56 | 20.01 | 17.56 | 7.16 | 1.96 | 641.54 | 75.68 | 14.48 | 20.32 | 932.00 | 200.87 |
| 8 | 24.67 | 19.94 | 17.28 | 7.60 | 2.11 | 641.42 | 81.07 | 2.28 | 23.13 | 969.00 | 275.61 |
| 9 | 18.44 | 17.21 | 16.22 | 5.81 | 1.63 | 643.61 | 91.90 | 36.83 | 6.10 | 204.00 | 71.73 |
| 10 | 22.44 | 18.43 | 14.89 | 8.94 | 2.37 | 643.60 | 78.20 | 0.00 | 25.16 | 882.00 | 274.58 |
| 11 | 24.17 | 20.20 | 17.11 | 7.16 | 1.90 | 642.49 | 76.23 | 4.57 | 26.17 | 942.00 | 282.49 |
| 12 | 25.67 | 20.56 | 17.83 | 5.81 | 2.25 | 642.20 | 76.57 | 0.00 | 27.69 | 947.00 | 307.07 |
| 13 | 24.00 | 19.91 | 17.00 | 10.29 | 2.18 | 641.81 | 80.75 | 18.29 | 24.40 | 944.00 | 268.58 |
| 14 | 24.83 | 20.30 | 17.72 | 7.16 | 2.54 | 640.87 | 79.64 | 8.38 | 27.19 | 1130.00 | 306.08 |
| 15 | 26.17 | 20.69 | 16.83 | 6.71 | 2.26 | 640.55 | 74.76 | 3.30 | 29.22 | 912.00 | 298.86 |
| 16 | 23.00 | 20.28 | 18.28 | 6.26 | 1.70 | 640.95 | 79.15 | 0.26 | 16.00 | 823.00 | 161.16 |
| 17 | 22.17 | 19.58 | 17.00 | 6.26 | 2.00 | 641.42 | 84.79 | 25.40 | 16.01 | 552.00 | 177.28 |
| 18 | 26.06 | 20.95 | 17.28 | 6.26 | 2.27 | 641.17 | 71.36 | 1.02 | 27.70 | 972.00 | 261.48 |
| 19 | 28.61 | 21.85 | 17.56 | 7.16 | 2.76 | 639.85 | 66.29 | 0.00 | 35.83 | 879.00 | 379.12 |
| 20 | 25.94 | 20.64 | 17.83 | 8.50 | 2.29 | 640.58 | 72.79 | 1.52 | 29.99 | 882.00 | 298.76 |
| 21 | 25.33 | 20.56 | 17.28 | 5.81 | 1.99 | 642.60 | 74.53 | 7.37 | 25.66 | 893.00 | 285.38 |
| 22 | 24.06 | 20.46 | 16.94 | 6.71 | 2.44 | 643.38 | 77.40 | 1.02 | 25.41 | 895.00 | 268.15 |
| 23 | 20.17 | 18.32 | 16.61 | 8.05 | 1.78 | 643.42 | 88.12 | 12.45 | 7.62 | 352.00 | 79.28 |
| 24 | 22.89 | 19.46 | 16.22 | 7.16 | 2.19 | 642.86 | 79.97 | 0.00 | 22.87 | 998.00 | 263.64 |
| 25 | 24.83 | 20.26 | 17.28 | 7.60 | 2.73 | 641.53 | 75.64 | 0.00 | 28.71 | 817.00 | 295.71 |
| 26 | 26.50 | 21.25 | 17.72 | 5.81 | 2.12 | 641.72 | 69.42 | 0.00 | 30.23 | 867.00 | 303.30 |
| 27 | 24.94 | 20.38 | 16.94 | 9.84 | 2.35 | 642.43 | 75.83 | 50.29 | 26.43 | 826.00 | 281.73 |
| 28 | 24.17 | 19.40 | 17.22 | 16.99 | 2.11 | 643.12 | 85.53 | 39.37 | 23.12 | 838.00 | 279.14 |
| 29 | 22.83 | 19.28 | 16.94 | 7.16 | 2.16 | 643.11 | 85.56 | 15.24 | 20.58 | 1025.00 | 241.42 |
| 30 | 22.56 | 18.81 | 16.94 | 7.60 | 2.93 | 643.77 | 87.13 | 2.29 | 20.08 | 1025.00 | 238.61 |
| TOTAL | | | | | | | | 325.89 | 708.19 | | |
| PROM | 24.02 | 19.88 | 16.96 | 7.47 | 2.19 | 642.20 | 79.23 | | | 847.20 | 256.26 |

Cuadro 1: Resumen de análisis climatológico

Estación: Lago
Fecha: Noviembre de 2007
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Reporte climatológico mensual
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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 | 8 | 0 | 3 | 3 | 2 | 1 | 9 | 11.68 | 3.00 | 12.50 | 95.00 | 6.35 | 3.81 | 12.12 |
| 2 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 2 | 0.76 | 0.25 | 1.04 | 30.00 | 0.51 | 0.87 | 3.12 |
| 3 | 2 | 0 | 3 | 0 | 2 | 0 | 1 | 2 | 5 | 45.47 | 3.00 | 12.50 | 85.00 | 27.43 | 18.29 | 60.96 |
| 4 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 2 | 11.17 | 1.17 | 4.86 | 85.00 | 10.16 | 6.77 | 30.48 |
| 5 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 7.11 | 1.67 | 6.94 | 75.00 | 3.81 | 2.86 | 6.00 |
| 6 | 0 | 1 | 2 | 0 | 3 | 0 | 0 | 0 | 3 | 5.34 | 0.75 | 3.13 | 70.00 | 4.83 | 3.86 | 36.60 |
| 7 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 14.48 | 0.58 | 2.43 | 50.00 | 14.48 | 15.80 | 97.44 |
| 8 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 2 | 2.28 | 0.75 | 3.13 | 50.00 | 1.77 | 1.93 | 3.12 |
| 9 | 1 | 2 | 4 | 1 | 4 | 2 | 2 | 0 | 8 | 36.83 | 3.58 | 14.93 | 110.00 | 19.82 | 10.34 | 33.48 |
| 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 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 4.57 | 0.25 | 1.04 | 30.00 | 4.57 | 7.83 | 30.48 |
| 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 | 2 | 1 | 2 | 0 | 2 | 1 | 1 | 1 | 5 | 18.29 | 2.17 | 9.03 | 60.00 | 8.13 | 7.50 | 27.48 |
| 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 8.38 | 0.25 | 1.04 | 20.00 | 5.84 | 14.02 | 51.84 |
| 15 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 3.30 | 0.42 | 1.74 | 30.00 | 3.30 | 5.66 | 18.24 |
| 16 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0.26 | 0.08 | 0.35 | 10.00 | 0.26 | 1.04 | 3.12 |
| 17 | 1 | 1 | 1 | 0 | 0 | 1 | 2 | 0 | 3 | 25.40 | 3.00 | 12.50 | 105.00 | 16.00 | 8.73 | 45.72 |
| 18 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1.02 | 0.25 | 1.04 | 20.00 | 1.02 | 2.45 | 6.12 |
| 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 | 2 | 0 | 0 | 0 | 2 | 0 | 2 | 1.52 | 0.42 | 1.74 | 30.00 | 0.76 | 1.30 | 6.12 |
| 21 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 2 | 7.37 | 0.83 | 3.47 | 60.00 | 7.11 | 6.56 | 30.48 |
| 22 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 1.02 | 0.33 | 1.39 | 30.00 | 1.02 | 1.75 | 3.12 |
| 23 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 2 | 12.45 | 2.92 | 12.15 | 215.00 | 12.19 | 3.32 | 12.24 |
| 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 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 50.29 | 2.50 | 10.42 | 120.00 | 46.99 | 22.56 | 94.44 |
| 28 | 1 | 3 | 1 | 0 | 3 | 0 | 1 | 1 | 5 | 39.37 | 3.17 | 13.19 | 65.00 | 25.66 | 21.99 | 112.80 |
| 29 | 2 | 0 | 3 | 0 | 3 | 0 | 0 | 2 | 5 | 15.24 | 1.42 | 5.90 | 50.00 | 9.40 | 10.25 | 42.72 |
| 30 | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 2 | 4 | 2.29 | 0.75 | 3.13 | 55.00 | 1.53 | 1.53 | 3.12 |
| MAX | 2 | 3 | 8 | 1 | 4 | 3 | 2 | 2 | 9 | 50.29 | 3.58 | 14.93 | 215.00 | 46.99 | 22.56 | 112.80 |
| TOTAL | 14 | 17 | 39 | 1 | 28 | 9 | 18 | 16 | 71 | 325.89 | 33.50 | 4.65 | | | | |

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