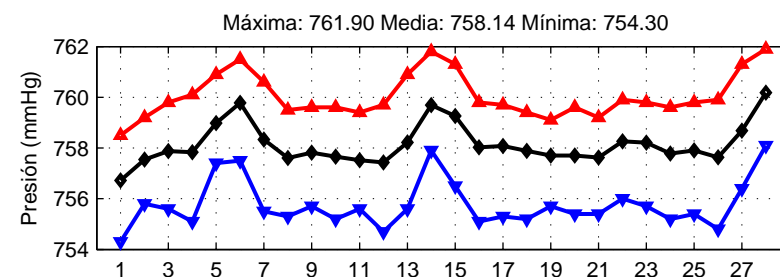
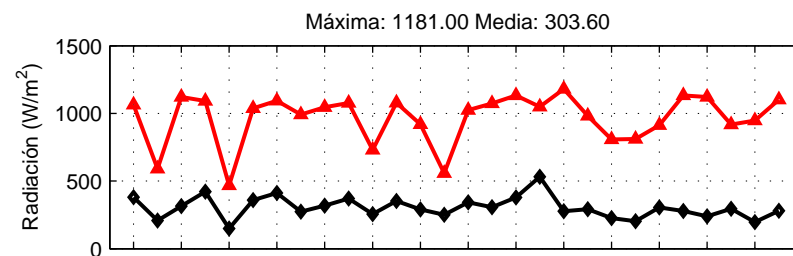
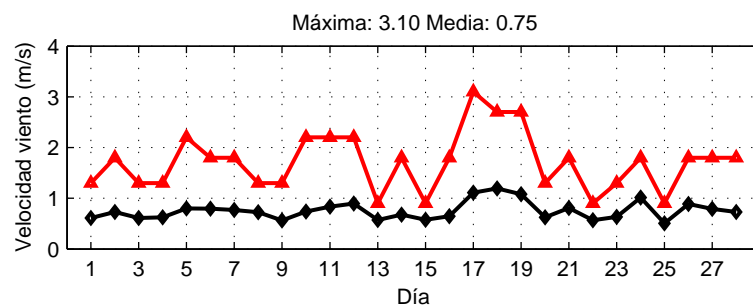
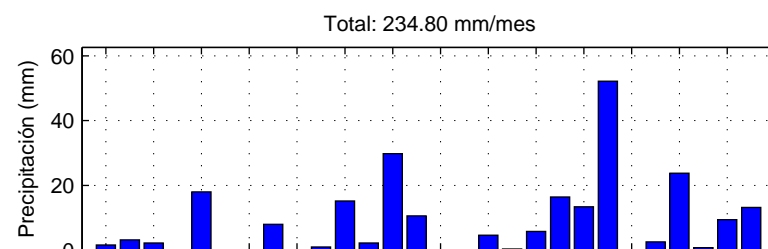
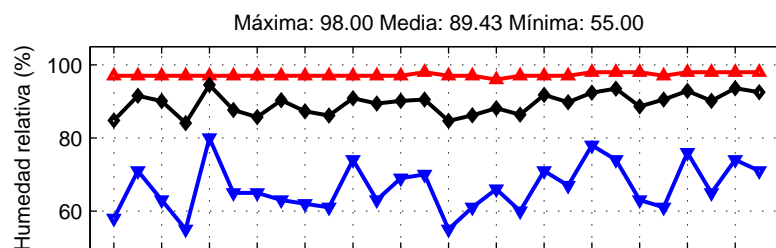
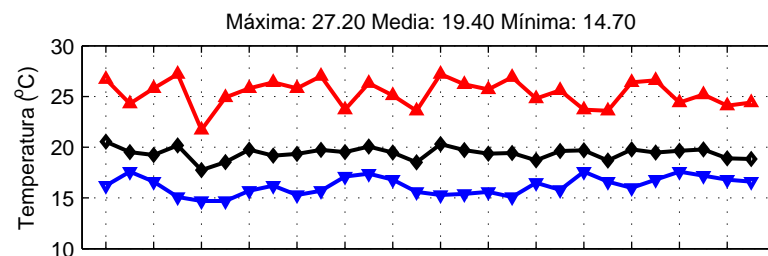
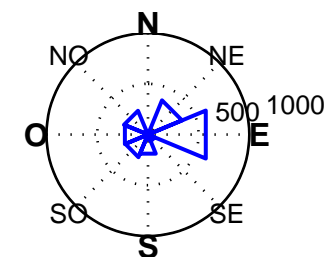
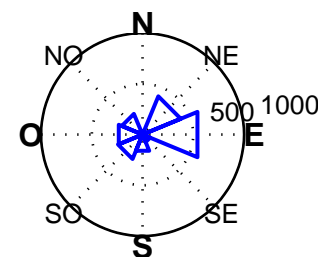
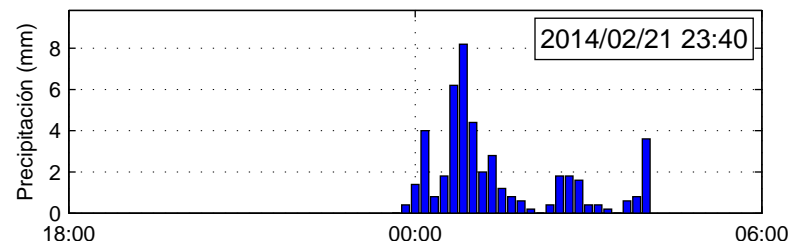


Estación: Acuaseo
Fecha: Febrero de 2014
Registros: 28 de 28

Reporte climatológico mensual
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Aprobó: Ing Ph.D. Juan Mauricio Castaño Rojas. Director REDH.
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Magnitud: 46.40 (mm) Duración: 270 (min) Intensidad Media: 10.31 (mm/h)



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| 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 | 26.70 | 20.55 | 16.20 | 1.30 | 0.61 | 756.72 | 84.81 | 1.60 | 2.87 | 1064.00 | 380.37 |
| 2 | 24.30 | 19.51 | 17.60 | 1.80 | 0.73 | 757.54 | 91.53 | 3.20 | 1.53 | 591.00 | 208.03 |
| 3 | 25.80 | 19.23 | 16.60 | 1.30 | 0.61 | 757.88 | 90.10 | 2.20 | 2.25 | 1122.00 | 314.47 |
| 4 | 27.20 | 20.18 | 15.10 | 1.30 | 0.62 | 757.84 | 84.03 | 0.20 | 3.11 | 1091.00 | 421.91 |
| 5 | 21.70 | 17.74 | 14.70 | 2.20 | 0.80 | 758.98 | 94.49 | 18.00 | 1.09 | 468.00 | 148.56 |
| 6 | 24.90 | 18.53 | 14.70 | 1.80 | 0.79 | 759.78 | 87.67 | 0.00 | 2.62 | 1037.00 | 358.28 |
| 7 | 25.80 | 19.77 | 15.70 | 1.80 | 0.77 | 758.33 | 85.70 | 0.00 | 3.14 | 1094.00 | 411.40 |
| 8 | 26.40 | 19.17 | 16.20 | 1.30 | 0.73 | 757.61 | 90.31 | 8.00 | 2.04 | 991.00 | 273.73 |
| 9 | 25.80 | 19.34 | 15.30 | 1.30 | 0.56 | 757.82 | 87.28 | 0.00 | 2.22 | 1045.00 | 317.90 |
| 10 | 27.00 | 19.74 | 15.70 | 2.20 | 0.74 | 757.66 | 86.15 | 1.00 | 2.68 | 1077.00 | 370.10 |
| 11 | 23.70 | 19.52 | 17.10 | 2.20 | 0.84 | 757.51 | 90.84 | 15.20 | 1.81 | 731.00 | 254.90 |
| 12 | 26.30 | 20.06 | 17.40 | 2.20 | 0.90 | 757.43 | 89.40 | 2.20 | 2.52 | 1079.00 | 352.13 |
| 13 | 25.10 | 19.47 | 16.80 | 0.90 | 0.57 | 758.22 | 90.12 | 29.80 | 1.94 | 920.00 | 289.67 |
| 14 | 23.60 | 18.52 | 15.60 | 1.80 | 0.68 | 759.69 | 90.49 | 10.60 | 1.69 | 558.00 | 250.15 |
| 15 | 27.20 | 20.31 | 15.30 | 0.90 | 0.58 | 759.26 | 84.69 | 0.00 | 2.45 | 1025.00 | 342.25 |
| 16 | 26.20 | 19.71 | 15.40 | 1.80 | 0.65 | 758.03 | 86.22 | 0.00 | 2.11 | 1074.00 | 306.89 |
| 17 | 25.70 | 19.36 | 15.60 | 3.10 | 1.11 | 758.08 | 88.10 | 4.60 | 2.78 | 1133.00 | 378.63 |
| 18 | 26.90 | 19.43 | 15.10 | 2.70 | 1.19 | 757.88 | 86.34 | 0.40 | 3.70 | 1049.00 | 531.83 |
| 19 | 24.80 | 18.70 | 16.50 | 2.70 | 1.08 | 757.70 | 91.76 | 5.80 | 2.09 | 1181.00 | 277.58 |
| 20 | 25.60 | 19.62 | 15.80 | 1.30 | 0.63 | 757.70 | 89.80 | 16.40 | 2.08 | 981.00 | 291.34 |
| 21 | 23.70 | 19.70 | 17.60 | 1.80 | 0.81 | 757.63 | 92.42 | 13.40 | 1.64 | 807.00 | 225.84 |
| 22 | 23.60 | 18.69 | 16.60 | 0.90 | 0.57 | 758.27 | 93.46 | 52.20 | 1.32 | 811.00 | 203.13 |
| 23 | 26.40 | 19.78 | 16.00 | 1.30 | 0.63 | 758.21 | 88.64 | 0.20 | 2.31 | 912.00 | 304.03 |
| 24 | 26.60 | 19.48 | 16.80 | 1.80 | 1.01 | 757.78 | 90.49 | 2.60 | 2.03 | 1132.00 | 277.91 |
| 25 | 24.40 | 19.65 | 17.60 | 0.90 | 0.51 | 757.90 | 92.87 | 23.80 | 1.73 | 1121.00 | 238.78 |
| 26 | 25.20 | 19.78 | 17.20 | 1.80 | 0.89 | 757.63 | 90.13 | 0.80 | 2.14 | 917.00 | 294.73 |
| 27 | 24.10 | 18.91 | 16.80 | 1.80 | 0.79 | 758.68 | 93.60 | 9.40 | 1.20 | 947.00 | 196.30 |
| 28 | 24.40 | 18.83 | 16.60 | 1.80 | 0.73 | 760.18 | 92.48 | 13.20 | 1.93 | 1101.00 | 279.89 |
| TOTAL | | | | | | | | 234.80 | 61.02 | | |
| PROM | 25.33 | 19.40 | 16.20 | 1.71 | 0.75 | 758.14 | 89.43 | | | 966.39 | 303.60 |

Cuadro 1: Resumen de análisis climatológico

Estación: Acuaseo
Fecha: Febrero de 2014
Registros: 28 de 28

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 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1.60 | 0.50 | 2.08 | 40.00 | 1.60 | 1.92 | 7.20 |
| 2 | 0 | 0 | 1 | 4 | 2 | 0 | 2 | 1 | 5 | 3.20 | 1.67 | 6.94 | 50.00 | 2.00 | 2.00 | 4.80 |
| 3 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 2.20 | 0.50 | 2.08 | 30.00 | 2.00 | 3.00 | 6.00 |
| 4 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0.20 | 0.17 | 0.69 | 20.00 | 0.20 | 0.40 | 1.20 |
| 5 | 0 | 2 | 0 | 1 | 2 | 1 | 0 | 0 | 3 | 18.00 | 2.67 | 11.11 | 140.00 | 14.80 | 5.92 | 24.00 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 3 | 8.00 | 1.50 | 6.25 | 60.00 | 6.60 | 5.66 | 18.00 |
| 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 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 1.00 | 0.67 | 2.78 | 40.00 | 0.80 | 0.96 | 2.40 |
| 11 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 2 | 15.20 | 1.83 | 7.64 | 100.00 | 14.60 | 7.96 | 30.00 |
| 12 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 2 | 2.20 | 0.83 | 3.47 | 60.00 | 2.00 | 1.71 | 6.00 |
| 13 | 1 | 1 | 0 | 3 | 3 | 0 | 1 | 1 | 5 | 29.80 | 2.17 | 9.03 | 70.00 | 24.80 | 18.60 | 43.20 |
| 14 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 2 | 10.60 | 0.83 | 3.47 | 40.00 | 10.40 | 12.48 | 21.60 |
| 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 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 2 | 4.60 | 0.83 | 3.47 | 60.00 | 4.40 | 3.77 | 18.00 |
| 18 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 2 | 0.40 | 0.33 | 1.39 | 20.00 | 0.20 | 0.40 | 1.20 |
| 19 | 1 | 0 | 1 | 2 | 1 | 0 | 2 | 1 | 4 | 5.80 | 1.33 | 5.56 | 30.00 | 4.20 | 6.30 | 16.80 |
| 20 | 1 | 1 | 0 | 3 | 0 | 0 | 2 | 3 | 5 | 16.40 | 1.50 | 6.25 | 50.00 | 13.40 | 13.40 | 44.40 |
| 21 | 0 | 1 | 2 | 2 | 3 | 0 | 1 | 1 | 5 | 13.40 | 2.67 | 11.11 | 90.00 | 11.00 | 6.60 | 28.80 |
| 22 | 1 | 1 | 1 | 1 | 2 | 0 | 2 | 0 | 4 | 52.20 | 5.17 | 21.53 | 250.00 | 46.00 | 10.62 | 49.20 |
| 23 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0.20 | 0.17 | 0.69 | 20.00 | 0.20 | 0.40 | 1.20 |
| 24 | 0 | 0 | 1 | 2 | 0 | 1 | 1 | 1 | 3 | 2.60 | 1.17 | 4.86 | 50.00 | 2.00 | 2.00 | 3.60 |
| 25 | 1 | 0 | 3 | 1 | 1 | 2 | 1 | 1 | 5 | 23.80 | 3.17 | 13.19 | 110.00 | 20.80 | 10.40 | 58.80 |
| 26 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 2 | 0.80 | 0.50 | 2.08 | 30.00 | 0.60 | 0.90 | 2.40 |
| 27 | 1 | 0 | 2 | 2 | 0 | 0 | 2 | 3 | 5 | 9.40 | 2.17 | 9.03 | 50.00 | 6.80 | 6.80 | 22.80 |
| 28 | 1 | 0 | 1 | 4 | 3 | 1 | 1 | 1 | 6 | 13.20 | 1.67 | 6.94 | 50.00 | 11.20 | 11.20 | 31.20 |
| MAX | 1 | 2 | 3 | 4 | 3 | 2 | 2 | 3 | 6 | 52.20 | 5.17 | 21.53 | 250.00 | 46.00 | 18.60 | 58.80 |
| TOTAL | 9 | 9 | 18 | 36 | 24 | 9 | 23 | 16 | 72 | 234.80 | 34.00 | 5.06 | | | | |

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