

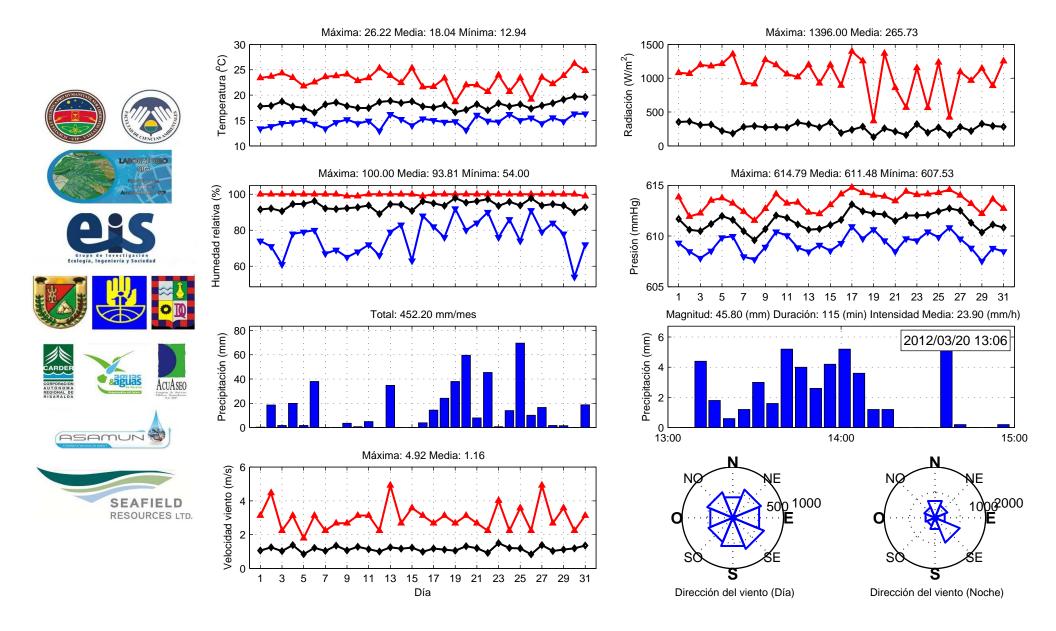
Estación: San Jose Fecha: Marzo de 2012 Registros: 31 de 31 Reporte climatológico mensual

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



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Reporte climatológico mensual

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D.	T	emperatu	ra	Vel. Viento		Presión	Humedad	Precipitación	Evap	Radiación solar	
Día	(°C)		3.54	(m/s)		(mmHg)	(%)	(mm)	(mm)	(W/r	
	Máx	Media	Mín	Máx	Media	Media	Media	Total	Total	Máx	Media
1	23.39	17.79	13.39	3.13	1.06	611.67	91.55	0.40	2.52	1081.00	352.04
2	23.67	17.89	13.83	4.47	1.25	610.61	92.10	18.60	2.67	1067.00	359.83
3	24.33	18.72	14.44	2.24	1.03	610.48	90.56	1.80	2.34	1197.00	308.16
4	23.44	17.77	14.56	3.13	1.38	611.18	94.55	20.00	2.34	1179.00	314.52
5	21.78	17.49	15.06	1.79	0.85	611.97	94.65	1.80	1.58	1213.00	221.00
6	22.56	16.58	14.28	3.13	1.22	611.58	96.24	38.00	1.32	1357.00	183.31
7	23.61	18.15	13.39	2.24	1.04	610.47	92.09	0.20	2.13	935.00	280.15
8	23.78	18.56	14.61	2.68	1.35	609.59	91.72	0.00	2.26	914.00	292.88
9	24.11	17.86	15.17	2.68	1.07	610.67	92.26	3.60	2.06	1273.00	273.06
10	22.83	17.45	14.39	3.13	1.28	612.03	92.77	0.80	2.08	1197.00	279.25
11	23.39	17.47	14.89	3.13	1.14	611.78	93.79	5.00	2.13	1060.00	270.24
12	25.33	18.65	12.94	2.24	1.00	611.14	89.11	0.20	2.49	1018.00	343.43
13	23.83	18.85	16.22	4.92	1.25	610.62	94.47	34.80	2.46	1199.00	317.55
14	22.44	18.44	15.22	2.68	1.17	610.69	94.30	0.00	2.06	925.00	274.08
15	25.33	18.75	14.00	3.58	1.23	611.09	90.75	0.00	2.67	1197.00	348.92
16	21.61	17.78	15.33	3.13	0.99	611.59	96.16	4.00	1.30	893.00	190.22
17	21.67	17.55	15.00	2.68	1.18	613.13	94.94	14.40	1.78	1396.00	238.11
18	23.33	18.04	14.67	3.13	1.11	612.45	93.59	24.20	2.01	1255.00	283.41
19	18.67	16.62	14.78	2.68	1.05	612.22	97.92	38.00	0.89	367.00	129.27
20	22.00	17.10	13.11	3.13	1.32	612.13	95.34	59.60	1.96	1366.00	258.63
21	22.00	18.21	16.06	2.68	1.20	611.48	96.16	8.00	1.55	858.00	211.71
22	20.67	17.02	14.89	2.24	0.92	612.01	97.29	45.40	1.07	566.00	159.39
23	23.94	18.37	14.72	4.02	1.50	612.03	93.52	0.80	2.59	1153.00	320.88
24	20.67	17.78	16.22	2.24	1.22	612.08	95.86	14.00	1.32	563.00	195.04
25	23.39	18.18	15.00	3.58	1.18	612.43	93.81	69.60	2.01	1234.00	271.37
26	19.17	17.34	15.50	2.24	0.84	612.73	97.78	10.20	1.09	422.00	161.37
27	23.50	17.94	14.39	4.92	1.39	612.49	93.74	16.60	2.39	1093.00	279.66
28	22.22	18.39	15.56	2.68	1.03	611.30	94.50	1.80	1.65	965.00	219.86
29	23.83	19.13	14.78	3.58	1.12	610.35	93.72	1.60	2.52	1144.00	325.40
30	26.22	19.74	16.33	2.24	1.19	611.13	90.03	0.00	2.24	888.00	292.65
31	24.83	19.63	16.33	3.13	1.36	610.82	92.81	18.80	2.16	1253.00	282.14
TOTAL								452.20	61.64		
PROM	22.95	18.04	14.81	3.02	1.16	611.48	93.81			1039.61	265.73

Cuadro 1: Resúmen de análisis climatológico

Estación: San Jose Fecha: Marzo de 2012 Registros: 31 de 31

Reporte climatológico mensual

Red Hidroclimatológica del Departamento de Risaralda

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Dia		Lluvias por				Lluvias por				PT	Г)P	DM	MM	IMM	IM5	
The color of the	Día					2.5.4				CLL				(min)			
2 1 0 0 0 1 0 1 18.60 0.67 2.78 50.00 18.60 20.29 52.80 3 0 1 4 0 3 0 2 0 5 1.80 0.50 2.08 15.00 1.660 9.05 57.60 5 0 1 3 0 1 1 2 0 4 1.80 0.50 2.08 2.00 1.20 2.88 4.80 6 1 0 2 1 1 0 3 0 4 1.80 0.50 2.08 2.00 1.20 2.88 4.80 7 0 0 1 0 0 0 0 0.00											` ′	/	` ′	` ′			<u> </u>
3		_									1	l	l				l
4 1 1 1 0 2 0 1 0 3 20.00 1.92 7.99 105.00 16.60 9.05 57.60 5 0 1 3 0 1 1 2 0 4 1.80 0.50 2.08 20.00 1.20 2.88 4.80 6 1 0 2 1 1 0 3 0 4 38.00 1.58 6.60 95.00 36.80 22.08 182.40 7 0 0 1 0 0 0 0.00 <											1	l	l				l
5 0 1 3 0 1 1 2 0 4 1.80 0.50 2.08 20.00 1.20 2.88 4.80 6 1 0 2 1 1 0 3 0 4 38.00 1.58 6.60 95.00 36.80 22.08 182.40 7 0 0 1 0 0 0 0 0.00		_	_		-						1	l	l				l
6 1 0 2 1 1 0 3 0 4 38.00 1.58 6.60 95.00 36.80 22.08 182.40 7 0 0 1 0		_		_	_						l	I	1				
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8 0 0 0 0 0 0 0.00 <t< td=""><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>l</td><td>l</td><td></td><td></td><td></td><td></td></t<>		_									1	l	l				
9 0 0 4 0 0 2 2 4 3.60 1.25 5.21 75.00 2.80 2.10 4.80 10 0 0 4 0 1 1 2 0 4 0.80 0.33 1.39 10.00 0.20 0.80 2.40 11 0 1 4 0 0 1 4 0 5 5.00 1.25 5.21 20.00 2.00 4.80 12.00 12 0 0 1 0 0 0 0 0.35 10.00 0.20 0.80 2.40 13 1 2 2 0 2 0 2 1 5 34.80 4.80 18.75 200.00 17.60 5.15 19.20 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		_	-	_	-	_	-		_		l		1				
10		0	-	_	_	_	0						1				
11 0 1 4 0 0 1 4 0 5 5.00 1.25 5.21 20.00 2.00 4.80 12.00 12 0 0 1 0 0 0 1 0.20 0.08 0.35 10.00 0.20 0.80 2.40 13 1 2 2 0 2 1 5 34.80 4.50 18.75 200.00 17.60 5.15 19.20 14 0 0 0 0 0 0 0.00 </td <td></td> <td>0</td> <td>-</td> <td></td> <td>_</td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td>l</td> <td>I</td> <td>1</td> <td></td> <td></td> <td></td> <td></td>		0	-		_		0				l	I	1				
12 0 0 1 0 0 1 0.20 0.08 0.35 10.00 0.20 0.80 2.40 13 1 2 2 0 2 1 5 34.80 4.50 18.75 200.00 17.60 5.15 19.20 14 0 0 0 0 0 0.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00		0	0		_						1	l	l				
13 1 2 2 0 2 1 5 34.80 4.50 18.75 200.00 17.60 5.15 19.20 14 0 0 0 0 0 0 0.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.00 1.00 0.00 0.00		0	1	4	0	0	1		0		l	I	l				l
14 0 0 0 0 0 0.00		0	-	_	_		0	_	0		1	l	l	10.00			l
15 0 0 0 0 0 0 0.00 <		1	2	I	_		0	2	1	5	34.80	4.50	18.75	200.00	17.60		19.20
16 0 0 4 0 0 0 4 4 4,00 1.25 5.21 110,00 3.20 1.67 9.60 17 1 0 4 0 2 1 2 0 5 14,40 2.25 9.38 50.00 10,00 10,91 26,40 18 1 1 2 0 0 0 1 3 4 24,20 2.25 9.38 90.00 16,80 10,61 60.00 19 0 1 5 0 2 4 0 0 6 38.00 5.92 24,65 325.00 35.20 6.40 21.60 20 2 0 2 0 0 0 2 2 4 59,60 2.67 11.11 115.00 45.80 22.90 67.20 21 0 1 8 1 3 0 3 4 10 8.00<		0	0	-	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17 1 0 4 0 2 1 2 0 5 14.40 2.25 9.38 50.00 10.00 10.91 26.40 18 1 1 2 0 0 0 1 3 4 24.20 2.25 9.38 90.00 16.80 10.61 60.00 19 0 1 5 0 2 4 0 0 6 38.00 5.92 24.65 325.00 35.20 6.40 21.60 20 2 0 2 0 0 0 2 2 4 59.60 2.67 11.11 115.00 45.80 22.90 67.20 21 0 1 8 1 3 0 3 4 10 8.00 2.00 8.33 30.00 3.60 6.17 21.60 22 0 1 0 0 0 1 45.40 6.83 <t< td=""><td></td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0.00</td><td>0.00</td><td>1</td><td>0.00</td><td>0.00</td><td>0.00</td><td>0.00</td></t<>		0	0	0	0	0	0	0	0	0	0.00	0.00	1	0.00	0.00	0.00	0.00
18 1 1 2 0 0 1 3 4 24.20 2.25 9.38 90.00 16.80 10.61 60.00 19 0 1 5 0 2 4 0 0 6 38.00 5.92 24.65 325.00 35.20 6.40 21.60 20 2 0 0 0 2 2 4 59.60 2.67 11.11 115.00 45.80 22.90 67.20 21 0 1 8 1 3 0 3 4 10 8.00 2.00 8.33 30.00 3.60 6.17 21.60 22 0 1 0 0 0 1 45.40 6.83 28.47 465.00 45.40 5.80 31.20 23 0 0 1 0 0 0 1 0.80 0.25 1.04 35.00 0.80 1.20 4.80	16	0	0	4	0	0	0	0	4	4	4.00	1.25	5.21	110.00	3.20	1.67	9.60
19 0 1 5 0 2 4 0 0 6 38.00 5.92 24.65 325.00 35.20 6.40 21.60 20 2 0 2 0 0 0 2 2 4 59.60 2.67 11.11 115.00 45.80 22.90 67.20 21 0 1 8 1 3 0 3 4 10 8.00 2.00 8.33 30.00 3.60 6.17 21.60 22 0 1 0 0 1 0 0 0 1 45.40 6.83 28.47 465.00 45.40 5.80 31.20 23 0 0 1 0 0 0 1 0.80 0.25 1.04 35.00 0.80 1.20 4.80 24 1 1 5 0 4 2 1 0 7 14.00 2.25	17	1	0	4	0	2	1	2	0	5	14.40	2.25	9.38	50.00	10.00	10.91	26.40
20 2 0 2 0 0 0 2 2 4 59.60 2.67 11.11 115.00 45.80 22.90 67.20 21 0 1 8 1 3 0 3 4 10 8.00 2.00 8.33 30.00 3.60 6.17 21.60 22 0 1 0 0 1 45.40 6.83 28.47 465.00 45.40 5.80 31.20 23 0 0 1 0 0 0 1 0.80 0.25 1.04 35.00 0.80 1.20 4.80 24 1 1 5 0 4 2 1 0 7 14.00 2.25 9.38 105.00 10.00 5.45 19.20 25 2 0 1 0 0 0 2.1 1 3 69.60 2.50 10.42 135.00 36.80	18	1	1	2	0	0	0	1	3	4	24.20	2.25	9.38	90.00	16.80	10.61	60.00
21 0 1 8 1 3 0 3 4 10 8.00 2.00 8.33 30.00 3.60 6.17 21.60 22 0 1 0 0 0 1 45.40 6.83 28.47 465.00 45.40 5.80 31.20 23 0 0 1 0 0 0 1 0.80 0.25 1.04 35.00 0.80 1.20 4.80 24 1 1 5 0 4 2 1 0 7 14.00 2.25 9.38 105.00 10.00 5.45 19.20 25 2 0 1 0 0 0 2 1 3 69.60 2.50 10.42 135.00 36.80 15.77 81.60 26 0 0 4 0 2 1 1 0 4 10.20 3.42 14.24 260.00	19	0	1	5	0	2	4	0	0	6	38.00	5.92	24.65	325.00	35.20	6.40	21.60
22 0 1 0 0 1 45.40 6.83 28.47 465.00 45.40 5.80 31.20 23 0 0 1 0 0 0 1 0.80 0.25 1.04 35.00 0.80 1.20 4.80 24 1 1 5 0 4 2 1 0 7 14.00 2.25 9.38 105.00 10.00 5.45 19.20 25 2 0 1 0 0 0 2.1 3 69.60 2.50 10.42 135.00 36.80 15.77 81.60 26 0 0 4 0 2 1 1 0 4 10.20 3.42 14.24 260.00 9.20 2.08 7.20 27 1 0 1 0 0 0 1 1 2 16.60 0.50 2.08 45.00 16.40 19.68 </td <td>20</td> <td>2</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>2</td> <td>2</td> <td>4</td> <td>59.60</td> <td>2.67</td> <td>11.11</td> <td>115.00</td> <td>45.80</td> <td>22.90</td> <td>67.20</td>	20	2	0		0	0	0	2	2	4	59.60	2.67	11.11	115.00	45.80	22.90	67.20
23 0 0 1 0 0 0 1 0.80 0.25 1.04 35.00 0.80 1.20 4.80 24 1 1 5 0 4 2 1 0 7 14.00 2.25 9.38 105.00 10.00 5.45 19.20 25 2 0 1 0 0 0 2 1 3 69.60 2.50 10.42 135.00 36.80 15.77 81.60 26 0 0 4 0 2 1 1 0 4 10.20 3.42 14.24 260.00 9.20 2.08 7.20 27 1 0 1 0 0 0 1 1 2 16.60 0.50 2.08 45.00 16.40 19.68 105.60 28 0 0 3 0 0 1 2 0 3 1.80 0.50<	21	0	1	8	1	3	0	3	4	10	8.00	2.00	8.33	30.00	3.60	6.17	21.60
24 1 1 5 0 4 2 1 0 7 14.00 2.25 9.38 105.00 10.00 5.45 19.20 25 2 0 1 0 0 2 1 3 69.60 2.50 10.42 135.00 36.80 15.77 81.60 26 0 0 4 0 2 1 1 0 4 10.20 3.42 14.24 260.00 9.20 2.08 7.20 27 1 0 1 0 0 0 1 1 2 16.60 0.50 2.08 45.00 16.40 19.68 105.60 28 0 0 3 0 0 1 2 0 3 1.80 0.50 2.08 40.00 1.40 1.87 9.60 29 0 1 2 0 3 1.60 0.42 1.74 20.00		0	1	0	0	1	0	0	0	1	45.40	6.83	28.47	465.00	45.40	5.80	31.20
25 2 0 1 0 0 0 2 1 3 69.60 2.50 10.42 135.00 36.80 15.77 81.60 26 0 0 4 0 2 1 1 0 4 10.20 3.42 14.24 260.00 9.20 2.08 7.20 27 1 0 1 0 0 1 1 2 16.60 0.50 2.08 45.00 16.40 19.68 105.60 28 0 0 3 0 0 1 2 0 3 1.80 0.50 2.08 40.00 1.40 1.87 9.60 29 0 1 2 0 3 1.60 0.42 1.74 20.00 1.00 2.40 7.20 30 0 0 0 0 0 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00	23	0	0	1	0	1	0	0	0	1	0.80	0.25	1.04	35.00	0.80	1.20	4.80
26 0 0 4 0 2 1 1 0 4 10.20 3.42 14.24 260.00 9.20 2.08 7.20 27 1 0 1 0 0 1 1 2 16.60 0.50 2.08 45.00 16.40 19.68 105.60 28 0 0 3 0 0 1 2 0 3 1.80 0.50 2.08 40.00 1.40 1.87 9.60 29 0 1 2 0 3 1.60 0.42 1.74 20.00 1.00 2.40 7.20 30 0 0 0 0 0 0 0.00	24	1	1	5	0	4	2	1	0	7	14.00	2.25	9.38	105.00	10.00	5.45	19.20
27 1 0 1 0 0 0 1 1 2 16.60 0.50 2.08 45.00 16.40 19.68 105.60 28 0 0 3 0 0 1 2 0 3 1.80 0.50 2.08 40.00 1.40 1.87 9.60 29 0 1 2 0 3 1.60 0.42 1.74 20.00 1.00 2.40 7.20 30 0 0 0 0 0 0 0.00 <td>25</td> <td>2</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>2</td> <td>1</td> <td>3</td> <td>69.60</td> <td>2.50</td> <td>10.42</td> <td>135.00</td> <td>36.80</td> <td>15.77</td> <td>81.60</td>	25	2	0	1	0	0	0	2	1	3	69.60	2.50	10.42	135.00	36.80	15.77	81.60
28 0 0 3 0 0 1 2 0 3 1.80 0.50 2.08 40.00 1.40 1.87 9.60 29 0 1 2 0 3 1.60 0.42 1.74 20.00 1.00 2.40 7.20 30 0 0 0 0 0 0 0.0	26	0	0	4	0	2	1	1	0	4	10.20	3.42	14.24	260.00	9.20	2.08	7.20
29 0 1 2 0 1 0 2 0 3 1.60 0.42 1.74 20.00 1.00 2.40 7.20 30 0 0 0 0 0 0 0.00 </td <td>27</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>1</td> <td>2</td> <td>16.60</td> <td>0.50</td> <td>2.08</td> <td>45.00</td> <td>16.40</td> <td>19.68</td> <td>105.60</td>	27	1	0	1	0	0	0	1	1	2	16.60	0.50	2.08	45.00	16.40	19.68	105.60
30 0 0 0 0 0 0 0 0.00	28	0	0	3	0	0	1	2	0	3	1.80	0.50	2.08	40.00	1.40	1.87	9.60
30 0 0 0 0 0 0 0.00 <	29	0	1	2	0	1	0	2	0	3	1.60	0.42	1.74	20.00	1.00	2.40	7.20
MAX 2 2 8 1 4 4 4 10 69.60 6.83 28.47 465.00 45.80 22.90 182.40	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	1	0	0	0	0	0	1	0	1	18.80	0.92	3.82	85.00	18.80	12.53	103.20
	MAX	2	2	8	1	4	4	4	4	10	69.60	6.83	28.47	465.00	45.80	22.90	182.40
		13		I							1	l	l				

Cuadro 1: Análisis mensual de lluvias

F	Fuerte	$7.6 \text{ (mm/h)} \leq \text{intensidad}$
M	Moderada	$2.5 \text{ (mm/h)} < \text{intensidad} \le 7.6 \text{ (mm/h)}$
L	Ligera	$1.0 \text{ (mm/h)} < \text{intensidad} \le 2.5 \text{ (mm/h)}$
LL	Llovizna	$1.0 \text{ (mm/h)} \ge \text{intensidad}$

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 precipitacion 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)