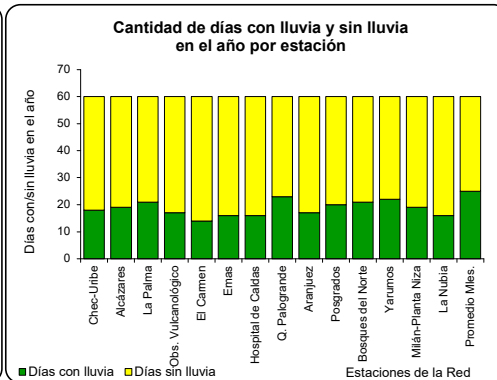
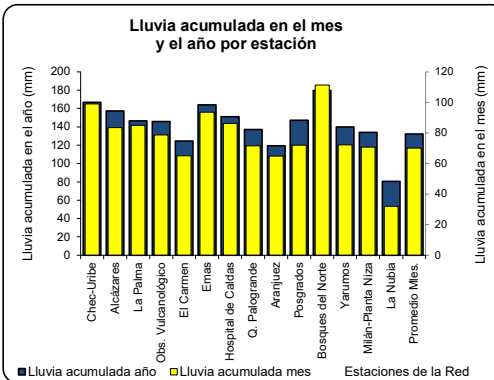
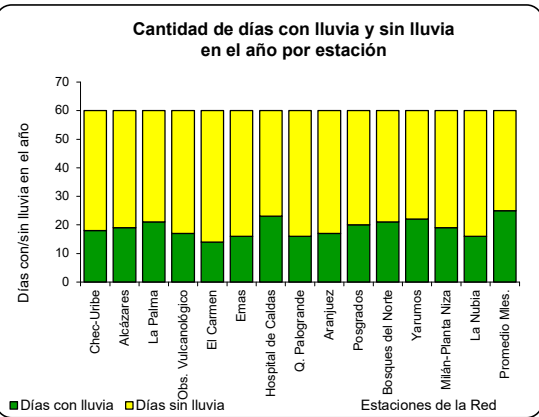
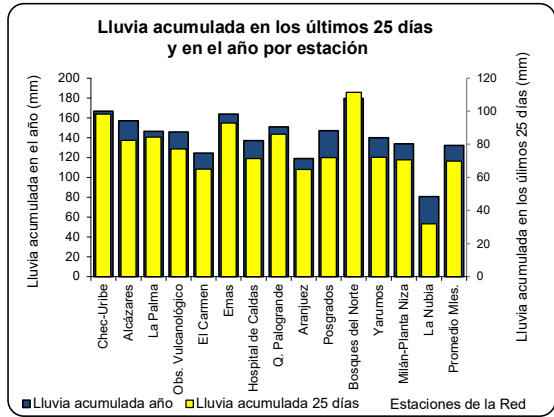


Estaciones	Chec-Uribe		Alcázares		La Palma		Observatorio Vulcanológico		El Carmen		Emas		Hospital de Caldas		Quebrada Palogrande-Ruta 30		Aranjuez		Posgrados		Bosques del Norte		Yarumos		Milán-Planta Niza		La Nubia		Promedio Manizales	
	Propietarios	CHEC S.A. E.S.P	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	EMAS S.A. E.S.P	UN-Manizales	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	Alcaldía/UGR	
Día	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25
S 1	0.0	62.8	0.0	71.4	0.0	56.8	0.0	65.6	0.0	51.4	0.0	66.0	0.0	61.8	0.0	61.0	0.0	50.6	0.0	68.8	0.0	63.4	0.0	62.8	0.0	58.2	0.0	32.6	0.0	54.9
D 2	0.6	63.4	1.0	72.4	0.6	57.4	1.4	67.0	0.0	51.4	0.8	66.8	0.0	61.8	0.0	61.0	0.0	50.6	0.0	68.8	0.0	63.4	0.0	62.8	0.0	58.2	0.0	32.6	0.3	55.2
L 3	0.0	63.4	0.0	72.4	0.0	57.4	0.0	67.0	0.0	51.4	0.0	66.8	0.0	61.8	0.0	61.0	0.0	50.6	0.0	68.8	0.0	63.4	0.0	62.8	0.0	58.2	0.0	32.6	0.0	55.2
Ma 4	0.0	63.4	0.0	72.4	0.0	57.4	0.0	67.0	0.0	51.4	0.0	66.8	0.0	61.8	0.0	61.0	0.0	50.6	0.0	68.8	0.0	63.4	0.0	62.8	0.0	58.2	0.0	32.6	0.0	55.2
Mi 5	0.0	63.4	0.0	72.4	0.0	57.4	0.0	67.0	0.0	51.4	0.0	66.8	0.0	61.8	0.0	61.0	0.0	50.6	0.0	68.8	0.0	63.4	0.0	62.8	0.0	58.2	0.0	32.6	0.0	55.2
J 6	0.0	63.4	0.0	72.4	0.0	57.4	0.0	67.0	0.0	51.4	0.0	66.8	0.0	61.8	0.0	61.0	0.0	50.6	0.0	68.8	0.0	63.4	0.0	62.8	0.0	58.2	0.0	32.6	0.0	55.2
V 7	0.0	63.4	0.0	72.4	0.0	57.4	0.0	67.0	0.0	51.4	0.0	66.8	0.0	61.8	0.0	61.0	0.0	50.6	0.0	68.8	0.0	63.4	0.0	62.8	0.0	58.2	0.0	32.6	0.0	55.2
S 8	0.2	63.6	0.0	72.4	0.8	58.2	0.0	67.0	0.0	51.4	0.0	66.8	0.0	61.8	0.2	61.2	0.0	50.6	0.4	69.2	1.0	64.4	1.6	64.4	1.8	60.0	2.0	34.6	1.0	56.2
D 9	0.0	62.8	0.0	71.6	0.2	58.0	0.0	66.4	0.0	51.4	0.0	66.8	0.0	61.8	0.0	60.8	0.0	50.6	0.2	69.4	0.6	65.0	2.6	67.0	4.4	64.4	0.2	34.8	1.0	57.0
L 10	0.0	62.8	0.0	71.6	0.0	58.0	0.0	66.4	0.0	51.4	0.0	66.8	0.0	61.8	0.0	60.6	0.0	50.6	0.0	69.4	0.6	65.0	2.6	67.0	4.4	64.4	0.2	34.8	0.0	57.0
Ma 11	0.0	62.8	0.0	71.6	0.0	58.0	0.0	66.4	0.0	51.4	0.0	66.8	0.0	61.8	0.0	60.6	0.0	50.6	0.0	69.4	0.6	65.0	2.6	67.0	4.4	64.4	0.2	34.8	0.0	57.0
Mi 12	0.0	62.8	0.0	71.6	0.0	58.0	0.0	66.4	0.0	51.4	0.0	66.8	0.0	61.8	0.0	60.6	0.0	50.6	0.0	69.4	0.6	65.0	2.6	67.0	4.4	64.4	0.2	34.8	0.0	57.0
J 13	0.0	62.8	0.0	71.6	0.0	58.0	0.0	66.4	0.0	51.4	0.0	66.8	0.0	61.8	0.0	60.6	0.0	50.6	0.0	69.4	0.6	65.0	2.6	67.0	4.4	64.4	0.2	34.8	0.0	57.0
V 14	0.0	62.0	0.0	71.0	0.0	54.0	0.0	64.8	0.0	51.0	0.0	65.6	0.0	60.8	0.0	59.6	0.0	48.6	0.0	68.6	0.0	64.6	2.6	66.8	4.2	67.8	0.0	33.8	0.9	56.5
S 15	0.0	42.0	0.6	48.2	0.0	45.8	1.8	42.4	1.6	39.8	4.6	47.4	3.2	53.2	0.6	51.6	0.0	39.8	0.0	55.0	1.4	50.2	2.2	58.4	0.0	58.4	0.0	29.8	0.9	45.8
D 16	4.4	29.8	0.6	31.2	0.0	26.2	0.0	24.0	2.2	28.0	0.0	34.6	3.8	41.4	4.8	40.4	10.2	34.8	7.6	47.2	0.0	33.4	8.4	57.2	10.6	50.6	6.8	26.6	5.0	35.9
L 17	0.0	29.8	0.0	31.2	0.0	26.2	0.0	24.0	0.0	28.0	0.0	34.4	0.0	41.4	0.0	40.4	0.0	34.8	0.0	47.2	0.0	33.4	0.0	57.2	0.0	50.6	0.0	26.6	0.0	35.9
Ma 18	0.0	28.6	0.0	28.4	0.0	25.0	0.0	23.0	0.0	28.0	0.0	34.4	0.0	40.0	0.0	36.4	0.0	31.8	0.0	41.8	0.0	33.4	0.0	49.4	0.0	42.8	0.0	26.2	0.0	33.2
Mi 19	0.0	27.0	0.0	24.0	0.0	20.8	0.0	22.4	0.0	28.0	0.0	34.4	0.0	39.8	0.0	36.0	0.0	31.0	0.0	40.2	0.0	32.6	0.0	45.4	0.0	38.2	0.0	23.0	0.0	30.6
J 20	16.0	28.2	14.8	24.8	16.2	23.6	15.0	23.6	15.0	26.2	14.8	31.4	8.6	30.2	1.6	26.0	0.8	26.6	1.2	29.4	10.6	29.0	0.4	30.4	0.6	34.0	0.0	19.2	6.7	26.8
V 21	0.0	23.8	0.0	19.6	0.0	19.4	0.0	20.0	0.0	22.2	0.0	22.6	0.0	25.8	0.0	19.8	0.6	18.0	0.0	19.8	0.0	19.4	0.0	26.0	0.0	25.4	0.0	10.4	0.0	19.7
S 22	53.8	75.0	32.4	49.4	39.6	57.4	32.8	51.0	24.0	42.8	37.4	57.6	42.2	57.8	42.4	49.8	38.4	50.0	43.2	52.6	64.6	78.4	43.2	61.0	43.0	64.6	18.8	29.2	36.6	52.6
D 23	0.0	75.0	0.0	49.4	0.0	57.4	0.0	51.0	0.0	42.8	0.0	57.6	0.0	57.8	0.2	49.8	0.0	50.0	0.2	52.8	0.6	78.8	0.2	61.2	0.2	64.8	0.2	28.0	0.1	52.4
L 24	5.8	80.8	4.4	53.8	3.2	60.6	4.2	55.2	2.6	45.4	2.4	60.0	1.8	59.6	1.8	51.6	1.0	51.0	0.8	53.6	5.2	84.0	0.8	62.0	0.6	65.4	0.0	28.0	1.9	54.3
Ma 25	2.0	82.8	2.4	56.2	8.8	69.4	2.4	57.6	1.6	47.0	4.2	64.2	4.0	63.6	1.6	53.2	0.6	51.6	1.4	55.0	7.8	91.8	1.8	63.8	1.0	66.4	2.6	30.6	3.1	57.4
Mi 26	16.2	99.0	27.0	83.2	15.4	84.8	21.0	78.6	18.0	65.0	29.4	93.6	22.6	86.2	18.0	71.2	13.2	64.8	16.4	71.4	16.0	107.8	6.6	70.4	4.2	70.6	1.4	32.0	12.4	69.8
J 27	0.0	98.4	0.2	82.4	0.2	84.4	0.0	77.2	0.0	65.0	0.0	92.8	0.0	86.2	0.2	71.4	0.0	64.8	0.0	71.4	0.2	108.0	0.0	70.4	0.0	70.6	0.0	32.0	0.0	69.6
V 28	0.0	98.4	0.0	82.4	0.0	84.4	0.0	77.2	0.0	65.0	0.0	92.8	0.0	86.2	0.0	71.4	0.0	64.8	0.0	71.4	0.0	108.0	0.0	70.4	0.0	70.6	0.0	32.0	0.0	69.6
S 29	0.0	98.4	0.0	82.4	0.0	84.4	0.0	77.2	0.0	65.0	0.0	92.8	0.0	86.2	0.0	71.4	0.0	64.8	0.0	72.0	3.4	111.4	1.8	72.2	0.0	70.6	0.0	32.0	0.3	69.9
D 1																														
L 2																														
LI. mes	99.0		83.4		85.0		78.6		65.0		93.6		86.2		71.4		64.8		72.0		111.4		72.2		70.6		32.0		70.2	
Máx. mes	53.8	99.0	32.4	83.2	39.6	84.8	32.8	78.6	24.0	65.0	37.4	93.6	42.2	86.2	42.4	71.4	38.4	64.8	43.2	72.0	64.6	111.4	43.2	72.2	43.0	70.6	18.8	34.8	36.6	69.9
LI. acum. en el año	166.8		157.2		146.4		145.8		124.6		163.8		151.0		137.0		119.0		147.0		179.6		140.0		134.0		80.6		132.2	
No. de días lluvia año	18	30%	19	32%	21	35%	17	28%	14	23%	16	27%	16	27%	23	38%	17	28%	20	33%	21	35%	22	37%	19	32%	16	27%	25	42%



Días transcurridos en el año a la fecha		60	
No. de días con algún Nivel de Alerta en el año			
Estación	A	N	R
Chec-Uribe	0	0	0
Alcázares	0	0	0
La Palma	0	0	0
Obs. Vulcanológico	0	0	0
El Carmen	0	0	0
Emas	0	0	0
Hospital	0	0	0
Q. Palogrande-Ruta 30	0	0	0
Aranjuez	0		

Estaciones	Chec-Uribe		Alcázares		La Palma		Observatorio Vulcanológico		El Carmen		Emas		Hospital de Caldas		Quebrada Palogrande-Ruta 30		Aranjuez		Posgrados		Bosques del Norte		Yarumos		Milán-Planta Niza		La Nubia		Promedio Manizales	
	Proprietarios	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	
Día																														
Mi 5	0.0	63.4	0.0	72.4	0.0	57.4	0.0	67.0	0.0	51.4	0.0	66.8	0.0	61.8	0.0	61.0	0.0	50.6	0.0	68.8	0.0	63.4	0.0	62.8	0.0	58.2	0.0	32.6	0.0	55.2
J 6	0.0	63.4	0.0	72.4	0.0	57.4	0.0	67.0	0.0	51.4	0.0	66.8	0.0	61.8	0.0	61.0	0.0	50.6	0.0	68.8	0.0	63.4	0.0	62.8	0.0	58.2	0.0	32.6	0.0	55.2
V 7	0.0	63.4	0.0	72.4	0.0	57.4	0.0	67.0	0.0	51.4	0.0	66.8	0.0	61.8	0.0	61.0	0.0	50.6	0.0	68.8	0.0	63.4	0.0	62.8	0.0	58.2	0.0	32.6	0.0	55.2
S 8	0.2	63.6	0.0	72.4	0.8	58.2	0.0	67.0	0.0	51.4	0.0	66.8	0.0	61.8	0.2	61.2	0.0	50.6	0.4	69.2	1.0	64.4	1.6	64.4	1.8	60.0	2.0	34.6	1.0	56.2
D 9	0.0	62.8	0.0	71.6	0.2	58.0	0.0	66.4	0.0	51.4	0.0	66.8	0.0	61.8	0.0	60.8	0.0	50.6	0.2	69.4	0.6	65.0	2.6	67.0	4.4	64.4	0.2	34.8	1.0	57.0
L 10	0.0	62.8	0.0	71.6	0.0	58.0	0.0	66.4	0.0	51.4	0.0	66.8	0.0	61.8	0.0	60.6	0.0	50.6	0.0	69.4	0.0	65.0	0.0	67.0	0.0	64.4	0.0	34.8	0.0	57.0
Ma 11	0.0	62.8	0.0	71.6	0.0	58.0	0.0	66.4	0.0	51.4	0.0	66.8	0.0	61.8	0.0	60.6	0.0	50.6	0.0	69.4	0.0	65.0	0.0	67.0	0.0	64.4	0.0	34.8	0.0	57.0
Mi 12	0.0	62.8	0.0	71.6	0.0	58.0	0.0	66.4	0.0	51.4	0.0	66.8	0.0	61.8	0.0	60.6	0.0	50.6	0.0	69.4	0.0	65.0	0.0	67.0	0.0	64.4	0.0	34.8	0.0	57.0
J 13	0.0	62.8	0.0	71.6	0.0	58.0	0.0	66.4	0.0	51.4	0.0	66.8	0.0	61.8	0.0	60.6	0.0	50.6	0.0	69.4	0.0	65.0	0.0	67.0	0.0	64.4	0.0	34.8	0.0	57.0
V 14	0.0	62.0	0.0	71.0	0.0	54.0	0.0	64.8	0.0	51.0	0.0	65.6	0.0	60.8	0.0	59.6	0.0	48.6	0.0	68.6	0.0	64.6	2.6	66.8	4.2	67.8	0.0	33.8	0.9	56.5
S 15	0.0	42.0	0.6	48.2	0.0	45.8	1.8	42.4	1.6	39.8	4.6	47.4	3.2	53.2	0.6	51.6	0.0	39.8	0.0	55.0	1.4	50.2	2.2	58.4	0.0	58.4	0.0	29.8	0.9	45.8
D 16	4.4	29.8	0.6	31.2	0.0	26.2	0.0	24.0	2.2	28.0	0.0	34.6	3.8	41.4	4.8	40.4	10.2	34.8	7.6	47.2	0.0	33.4	8.4	57.2	10.6	50.6	6.8	26.6	5.0	35.9
L 17	0.0	29.8	0.0	31.2	0.0	26.2	0.0	24.0	0.0	28.0	0.0	34.4	0.0	41.4	0.0	40.4	0.0	34.8	0.0	47.2	0.0	33.4	0.0	57.2	0.0	50.6	0.0	26.6	0.0	35.9
Ma 18	0.0	28.6	0.0	28.4	0.0	25.0	0.0	23.0	0.0	28.0	0.0	34.0	0.0	40.0	0.0	36.4	0.0	31.8	0.0	41.8	0.0	33.4	0.0	49.4	0.0	42.8	0.0	26.2	0.0	33.2
Mi 19	0.0	27.0	0.0	24.0	0.0	20.8	0.0	22.4	0.0	28.0	0.0	34.0	0.0	39.8	0.0	36.0	0.0	31.0	0.0	40.2	0.0	32.6	0.0	45.4	0.0	38.2	0.0	23.0	0.0	30.6
J 20	16.0	82.2	14.8	24.8	16.2	23.6	15.0	23.6	15.0	26.2	14.8	31.4	8.6	30.2	1.6	26.0	0.8	26.6	1.2	29.4	10.6	29.0	0.4	30.4	0.6	34.0	0.0	19.2	6.7	26.8
V 21	0.0	23.8	0.0	19.6	0.0	19.4	0.0	20.0	0.0	22.2	0.0	22.6	0.0	25.8	0.0	19.8	0.6	18.0	0.0	19.8	0.0	19.4	0.0	26.0	0.0	25.4	0.0	10.4	0.0	19.7
S 22	53.8	75.0	32.4	49.4	39.6	57.4	32.8	51.0	24.0	42.8	37.4	57.6	42.2	57.8	42.4	49.8	38.4	50.0	43.2	52.6	64.6	78.4	43.2	61.0	43.0	64.6	18.8	29.2	35.7	52.6
D 23	0.0	75.0	0.0	49.4	0.0	57.4	0.0	51.0	0.0	42.8	0.0	57.6	0.0	57.8	0.2	49.8	0.0	50.0	0.2	52.8	0.6	78.8	0.0	61.2	0.2	64.8	0.2	28.0	0.1	52.4
L 24	5.8	80.8	4.4	53.8	3.2	60.6	4.2	55.2	2.6	45.4	2.4	60.0	1.8	59.6	1.8	51.6	1.0	51.0	0.8	53.6	5.2	84.0	0.8	62.0	0.6	65.4	0.0	28.0	1.9	54.3
Ma 25	2.0	82.8	2.4	56.2	8.8	69.4	2.4	57.6	1.6	47.0	4.2	64.2	4.0	63.6	1.6	53.2	0.6	51.6	1.4	55.0	7.8	91.8	1.8	63.8	1.0	66.4	2.6	30.6	3.1	57.4
Mi 26	16.2	99.0	27.0	83.2	15.4	84.8	21.0	78.6	18.0	65.0	29.4	93.6	22.6	86.2	18.0	71.2	13.2	64.8	16.4	71.4	16.0	107.8	6.6	70.4	4.2	70.6	1.4	32.0	12.4	69.8
J 27	0.0	98.4	0.2	82.4	0.2	84.4	0.0	77.2	0.0	65.0	0.0	92.8	0.0	86.2	0.2	71.4	0.0	64.8	0.0	71.4	0.2	108.0	0.0	70.4	0.0	70.6	0.0	32.0	0.0	69.6
V 28	0.0	98.4	0.0	82.4	0.0	84.4	0.0	77.2	0.0	65.0	0.0	92.8	0.0	86.2	0.0	71.4	0.0	64.8	0.0	71.4	0.0	108.0	0.0	70.4	0.0	70.6	0.0	32.0	0.0	69.6
S 29	0.0	98.4	0.0	82.4	0.0	84.4	0.0	77.2	0.0	65.0	0.0	92.8	0.0	86.2	0.0	71.4	0.0	64.8	0.6	72.0	3.4	111.4	1.8	72.2	0.0	70.6	0.0	32.0	0.3	69.9
LI. 25 días	98.4		82.4		84.4		77.2		65.0		92.8		86.2		71.4		64.8		72.0		111.4		72.2		70.6		32.0		69.9	
Máx. 25 días	53.8	99.0	32.4	83.2	39.6	84.8	32.8	78.6	24.0	65.0	37.4	93.6	42.2	86.2	42.4	71.4	38.4	64.8	43.2	72.0	64.6	111.4	43.2	72.2	43.0	70.6	18.8	34.8	36.6	69.9
LI. acum. en el año	166.8		157.2		146.4		145.8		124.6		163.8		151.0		137.0		119.0		147.0		179.6		140.0		134.0		80.6		132.2	
No. días lluvia año	18	30%	19	32%	21	35%	17	28%	14	23%	16	27%	16	27%	23	38%	17	28%	20	33%	21	35%	22	37%	19	32%	16	27%	25	42%



Días transcurridos en el año a la fecha		60	
No. de días con algún Nivel de Alerta en el año			
Estación	A	N	R
Chec-Uribe	0	0	0
Alcázares	0	0	0
La Palma	0	0	0
Obs. Vulcanológico	0	0	0
El Carmen	0	0	0
Emas	0	0	0
Hospital de Caldas	0	0	0
Q. Palogrande	0	0	0
Aranjuez	0	0	0
Posgrados	0	0	0
Bosques del Norte	0	0	0
Yarumos	0	0	0
Milán-Planta Niza	0	0	0
La Nubia	0	0	0
Promedio Manizales	0	0	0

CONVENCIONES

LI. d. : Lluvia diaria en mm
A25 : Indicador lluvia antecedente de 25 días en mm
LI. mes: Lluvia parcial o total en el mes en mm
Máx. mes: Valores máximos de lluvia diaria y A25 en el mes en mm
LI. acum. en el año: Lluvia acumulada en el año en mm
No. días lluvia año: Número de días con lluvia en el corrido del año
Resalta la lluvia diaria máxima del mes
valor : lluvia diaria calculada con estaciones cercanas
* Indicadores con base a los días de funcionamiento de cada estación

NIVELES DE ALERTA (N.A.)

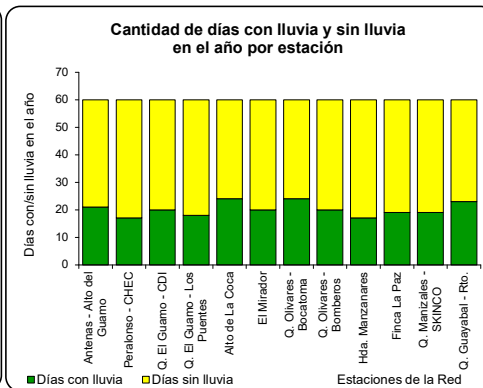
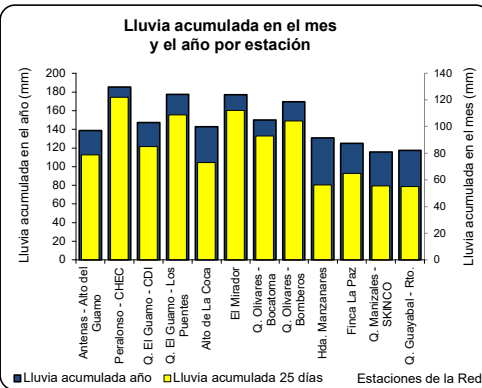
Amarilla o baja: A 200 mm <= A25 < 300 mm
Naranja o media: N 300 mm <= A25 < 400 mm
Roja o alta: R A25 >= 400 mm

OBSERVACIONES:

- La lluvia promedio y acumulada en el corrido del año para Manizales se calcularon con el Método de los Polígonos de Thiessen
- Datos resaltados en rojo están incompletos

Entidades participantes: chec, Grupo pepy, aguas, GIMES, BIOC, INVAMA, SERVICIO GEOLOGICO COLOMBIANO, Hospital de Caldas

Cuencas	Quebrada El Guamo						Quebrada Olivares						Quebrada Manizales													
	Antenas - Alto del Guamo		Peralonso - CHEC		Q. El Guamo - CDI San Sebastián		Q. El Guamo - Los Puentes		Alto de La Coca		El Mirador		Q. Olivares - Bocatoma		Q. Olivares - Bomberos Voluntarios		Hacienda Manzanares		Finca La Paz		Q. Manizales - SKINCO		Q. Guayabal - Rto. del Pensamiento			
	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25	LI. d.	A25		
S	1	0.0	49.0	0.0	60.8	0.0	56.0	0.0	66.2	0.0	58.4	0.0	50.8	0.0	46.4	0.0	62.8	0.0	63.4	0.0	51.2	0.0	43.0	0.0	48.2	
D	2	0.0	49.0	0.0	61.6	0.0	56.0	0.2	66.4	0.0	58.4	0.0	50.8	0.0	46.4	0.6	63.4	0.0	63.4	0.0	51.2	0.0	43.0	0.0	48.2	
L	3	0.0	49.0	0.0	61.6	0.0	56.0	0.0	66.4	0.0	58.4	0.0	50.8	0.0	46.4	0.0	63.4	0.0	63.4	0.0	51.2	0.0	43.0	0.0	48.2	
Ma	4	0.0	49.0	0.0	61.6	0.0	56.0	0.0	66.4	0.0	58.4	0.0	50.8	0.0	46.4	0.0	63.4	0.0	63.4	0.0	51.2	0.0	43.0	0.0	48.2	
Mi	5	0.0	49.0	0.0	61.6	0.0	56.0	0.0	66.4	0.0	58.4	0.0	50.8	0.0	46.4	0.0	63.4	0.0	63.4	0.0	51.2	0.0	43.0	0.0	48.2	
J	6	0.0	49.0	0.0	61.6	0.0	56.0	0.0	66.4	0.0	58.4	0.0	50.8	0.0	46.4	0.0	63.4	0.0	63.4	0.0	51.2	0.0	43.0	0.0	48.2	
V	7	0.0	49.0	0.0	61.6	0.0	56.0	0.0	66.4	0.4	58.8	0.0	50.8	0.0	46.4	0.0	63.4	0.0	63.4	0.0	51.2	0.0	43.0	0.0	48.2	
S	8	1.8	50.8	0.0	61.6	0.8	56.8	0.2	66.6	0.6	59.4	6.0	56.8	8.8	55.2	0.0	63.4	3.0	66.4	14.2	65.4	7.8	50.8	7.6	55.8	
D	9	0.8	51.6	0.0	61.6	0.6	57.4	0.0	66.4	6.4	64.2	23.6	80.4	10.2	65.4	0.0	63.2	6.6	73.0	3.4	68.8	11.8	62.6	1.4	57.2	
L	10	0.0	51.6	0.0	61.6	0.0	57.4	0.0	66.4	0.2	64.4	0.0	80.4	0.0	65.2	0.0	63.0	0.0	73.0	0.0	68.8	0.0	62.6	0.0	57.2	
Ma	11	0.0	51.6	0.0	61.6	0.0	57.4	0.0	66.4	0.0	64.4	0.0	80.4	0.0	65.2	0.0	63.0	0.0	73.0	0.0	68.8	0.0	62.6	0.0	57.2	
Mi	12	0.0	51.6	0.0	61.6	0.0	57.4	0.0	66.4	0.0	64.4	0.0	80.4	0.0	65.2	0.0	63.0	0.0	73.0	0.0	68.8	0.0	62.6	0.0	57.2	
J	13	0.0	51.6	0.0	61.6	0.0	57.4	0.0	66.4	0.0	64.4	0.0	80.4	0.0	65.2	0.0	63.0	0.0	73.0	0.0	68.8	0.0	62.6	0.0	57.2	
V	14	1.4	53.0	0.0	60.4	0.0	56.8	0.0	65.4	8.2	60.6	8.0	81.6	4.0	68.0	0.0	62.0	17.8	87.6	2.2	70.2	6.8	68.8	10.0	66.8	
S	15	0.0	40.8	5.0	44.4	0.4	37.6	2.6	42.6	0.2	52.0	0.2	63.8	0.0	46.8	5.6	46.6	2.4	63.4	0.6	50.0	0.0	47.6	0.0	47.4	
D	16	0.0	35.2	0.4	36.6	0.2	30.0	1.4	35.8	0.0	40.8	0.0	51.2	0.8	39.6	1.0	40.8	0.0	49.0	0.2	37.0	0.0	39.8	0.8	37.8	
L	17	0.0	35.0	0.2	36.8	0.0	30.0	0.0	35.8	0.0	40.8	0.0	51.2	0.0	39.6	0.0	40.6	0.0	49.0	0.0	37.0	0.0	39.8	0.0	37.6	
Ma	18	0.0	35.0	0.0	36.8	0.0	30.0	0.0	35.8	0.0	40.8	0.0	51.2	0.0	39.2	0.0	40.6	0.0	35.8	0.0	30.0	0.0	39.4	0.0	37.4	
Mi	19	0.0	33.4	0.0	36.8	0.0	29.6	0.0	35.2	0.0	21.4	0.0	45.6	0.0	34.6	0.0	40.4	0.0	31.4	0.0	24.4	0.0	31.0	0.0	25.2	
J	20	9.4	23.6	14.8	31.8	11.0	27.2	13.2	28.4	0.4	20.8	0.0	44.2	0.0	33.4	10.6	26.8	0.0	31.4	0.6	25.0	0.0	31.0	0.0	24.8	
V	21	0.0	20.6	0.0	26.0	0.0	18.8	0.0	24.4	3.0	20.0	0.0	40.0	0.2	30.0	0.0	24.2	0.4	30.2	0.0	24.2	0.2	30.2	0.0	23.6	
S	22	58.0	71.6	50.4	71.6	51.6	64.8	48.4	66.0	9.2	28.8	24.8	62.8	37.6	64.6	50.8	68.6	10.8	41.0	20.6	41.8	10.8	38.4	9.8	30.0	
D	23	0.2	71.6	0.0	71.6	1.2	65.8	0.0	66.0	15.0	43.6	19.4	82.0	11.2	72.8	0.0	68.6	6.8	47.8	5.8	47.6	7.4	44.8	21.4	51.0	
L	24	1.2	72.8	9.4	81.0	4.4	70.2	6.8	72.8	6.0	49.6	2.4	84.4	1.0	73.8	4.4	73.0	5.0	52.8	6.8	54.4	1.2	46.0	0.2	51.2	
Ma	25	0.4	73.2	13.0	94.0	2.0	72.2	12.0	84.8	4.4	59.0	5.0	89.4	2.8	76.8	11.0	84.0	1.0	53.8	6.4	60.8	2.2	48.2	0.6	51.8	
Mi	26	1.4	74.6	28.0	122.0	9.4	81.6	24.0	108.8	1.2	55.2	2.0	91.4	2.0	78.6	20.0	104.0	2.4	56.2	4.2	65.0	7.4	55.6	2.2	54.0	
J	27	0.2	74.8	0.0	121.2	0.0	81.6	0.0	108.6	0.0	55.2	0.2	91.6	0.2	78.8	0.0	103.4	0.0	56.2	0.0	65.0	0.0	55.6	0.2	54.2	
V	28	0.0	74.8	0.0	121.2	0.0	81.6	0.0	108.6	0.0	55.2	0.0	91.6	0.0	78.8	0.0	103.4	0.0	56.2	0.0	65.0	0.0	55.6	0.0	54.2	
S	29	4.0	78.8	0.0	121.2	3.4	85.0	0.0	108.6	17.8	73.0	20.6	112.2	14.2	93.0	0.2	103.6	0.0	56.2	0.0	65.0	0.0	55.6	0.8	55.0	
D	1																									
L	2																									
LI. mes		78.8		122.0		85.0		108.8		73.0		112.2		93.0		104.2		56.2		65.0		55.6		55.0		
Máx. mes		58.0	78.8	50.4	122.0	51.6	85.0	48.4	108.8	17.8	73.0	24.8	112.2	37.6	93.0	50.8	104.0	17.8	87.6	20.6	70.2	11.8	68.8	21.4	66.8	
LI. acum. en el año		138.8		185.4		147.2		177.2		142.8		177.0		150.0		169.4		130.6		125.0		115.6		117.2		
No. de días lluvia año		21	35%	17	28%	20	33%	18	30%	24	40%	20	33%	24	40%	20	33%	17	28%	19	32%	19	32%	23	38%	



Estación	A	N	R
Antenas - Alto del Guamo	0	0	0
Peralonso - CHEC	0	0	0
Q. El Guamo - CDI San Sebastián	0	0	0
Q. El Guamo - Los Puentes	0	0	0
Alto de La Coca	0	0	0
El Mirador	0	0	0
Q. Olivares - Bocatoma	0	0	0
Q. Olivares - Bomberos Voluntarios	0	0	0
Hda. Manzanares	0	0	0
Finca La Paz	0	0	0
Q. Manizales - SKINCO	0	0	0
Q. Guayabal - Rto. del Pensamiento	0	0	0

CONVENCIONES

LI. d. : Lluvia diaria en mm
A25 : Indicador lluvia antecedente de 25 días en mm
LI. mes: Lluvia parcial o total en el mes en mm
Máx. mes: Valores máximos de lluvia diaria y A25 en el mes en mm
LI. acum. en el año: Lluvia acumulada en el año en mm
No. días lluvia año: Número de días con lluvia en el año
Resalta la lluvia diaria máxima del mes
valor lluvia diaria calculada con estaciones cercanas
* Indicadores con base a los días de funcionamiento de cada estación
Datos resaltados en rojo están incompletos

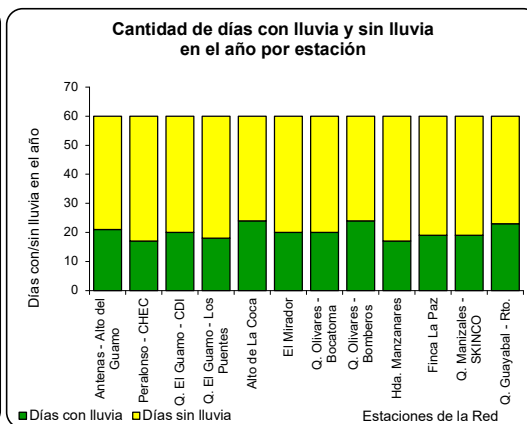
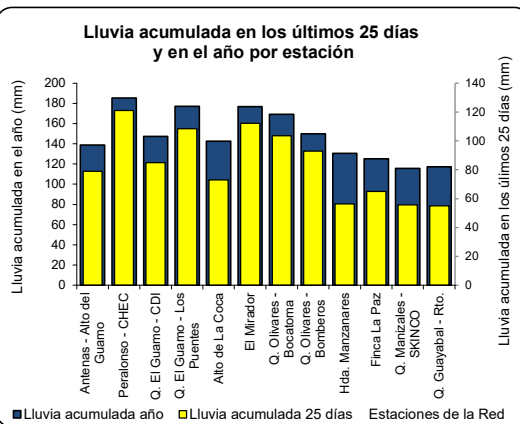
NIVELES DE ALERTA (N.A.)

Amarilla o baja: A 200 mm <= A25 < 300 mm
Naranja o media: N 300 mm <= A25 < 400 mm
Roja o alta: R A25 >= 400 mm

Entidades participantes



Cuencas	Quebrada El Guamo								Quebrada Olivares						Quebrada Manizales									
	Antenas - Alto del Guamo		Peralonso - CHEC		Q. El Guamo - CDI San Sebastián		Q. El Guamo - Los Puentes		Alto de La Coca		El Mirador		Q. Olivares - Bocatoma		Q. Olivares - Bomberos Voluntarios		Hacienda Manzanares		Finca La Paz		Q. Manizales - SKINCO		Q. Guayabal - Rto. del Pensamiento	
Estaciones	CORPOCALDAS		CORPOCALDAS		CORPOCALDAS		CORPOCALDAS		CORPOCALDAS		CORPOCALDAS		CORPOCALDAS		CORPOCALDAS		CORPOCALDAS		CORPOCALDAS		CORPOCALDAS		CORPOCALDAS	
Mi 5	0.0	49.0	0.0	61.6	0.0	56.0	0.0	66.4	0.0	58.4	0.0	50.8	0.0	46.4	0.0	63.4	0.0	63.4	0.0	51.2	0.0	43.0	0.0	48.2
J 6	0.0	49.0	0.0	61.6	0.0	56.0	0.0	66.4	0.0	58.4	0.0	50.8	0.0	46.4	0.0	63.4	0.0	63.4	0.0	51.2	0.0	43.0	0.0	48.2
V 7	0.0	49.0	0.0	61.6	0.0	56.0	0.0	66.4	0.4	58.8	0.0	50.8	0.0	46.4	0.0	63.4	0.0	63.4	0.0	51.2	0.0	43.0	0.0	48.2
S 8	1.8	50.8	0.0	61.6	0.8	56.8	0.2	66.6	0.6	59.4	6.0	56.8	8.8	55.2	0.0	63.4	3.0	66.4	14.2	65.4	7.8	50.8	7.6	55.8
D 9	0.8	51.6	0.0	61.6	0.6	57.4	0.0	66.4	6.4	64.2	23.6	80.4	10.2	65.4	0.0	63.2	6.6	73.0	3.4	68.8	11.8	62.6	1.4	57.2
L 10	0.0	51.6	0.0	61.6	0.0	57.4	0.0	66.4	0.2	64.4	0.0	80.4	0.0	65.2	0.0	63.0	0.0	73.0	0.0	68.8	0.0	62.6	0.0	57.2
Ma 11	0.0	51.6	0.0	61.6	0.0	57.4	0.0	66.4	0.0	64.4	0.0	80.4	0.0	65.2	0.0	63.0	0.0	73.0	0.0	68.8	0.0	62.6	0.0	57.2
Mi 12	0.0	51.6	0.0	61.6	0.0	57.4	0.0	66.4	0.0	64.4	0.0	80.4	0.0	65.2	0.0	63.0	0.0	73.0	0.0	68.8	0.0	62.6	0.0	57.2
J 13	0.0	51.6	0.0	61.6	0.0	57.4	0.0	66.4	0.0	64.4	0.0	80.4	0.0	65.2	0.0	63.0	0.0	73.0	0.0	68.8	0.0	62.6	0.0	57.2
V 14	1.4	53.0	0.0	60.4	0.0	56.8	0.0	65.4	8.2	60.6	8.0	81.6	4.0	68.0	0.0	62.0	17.8	87.6	2.2	70.2	6.8	68.8	10.0	66.8
S 15	0.0	40.8	5.0	44.4	0.4	37.6	2.6	42.6	0.2	52.0	0.2	63.8	0.0	46.8	5.6	46.6	2.4	63.4	0.6	50.0	0.0	47.6	0.0	47.4
D 16	0.0	35.2	0.4	36.6	0.2	30.0	1.4	35.8	0.0	40.8	0.0	51.2	0.8	39.6	1.0	40.8	0.0	49.0	0.2	37.0	0.0	39.8	0.8	37.8
L 17	0.0	35.0	0.2	36.8	0.0	30.0	0.0	35.8	0.0	40.8	0.0	51.2	0.0	39.6	0.0	40.6	0.0	49.0	0.0	37.0	0.0	39.8	0.0	37.6
Ma 18	0.0	35.0	0.0	36.8	0.0	30.0	0.0	35.8	0.0	40.8	0.0	51.2	0.0	39.2	0.0	40.6	0.0	35.8	0.0	30.0	0.0	39.4	0.0	37.4
Mi 19	0.0	33.4	0.0	36.8	0.0	29.6	0.0	35.2	0.0	21.4	0.0	45.6	0.0	34.6	0.0	40.4	0.0	31.4	0.0	24.4	0.0	31.0	0.0	25.2
J 20	9.4	23.6	14.8	31.8	11.0	27.2	13.2	28.4	0.4	20.8	0.0	44.2	0.0	33.4	10.6	26.8	0.0	31.4	0.6	25.0	0.0	31.0	0.0	24.8
V 21	0.0	20.6	0.0	26.0	0.0	18.8	0.0	24.4	3.0	20.0	0.0	40.0	0.2	30.0	0.0	24.2	0.4	30.2	0.0	24.2	0.2	30.2	0.0	23.6
S 22	58.0	71.6	50.4	71.6	51.6	64.8	48.4	66.0	9.2	28.8	24.8	62.8	37.6	64.6	50.8	68.6	10.8	41.0	20.6	41.8	10.8	38.4	9.8	30.0
D 23	0.2	71.6	0.0	71.6	0.0	65.8	0.0	66.0	15.0	43.6	19.4	82.0	11.2	72.8	0.0	68.6	6.8	47.8	5.8	47.6	7.4	44.8	21.4	51.0
L 24	1.2	72.8	9.4	81.0	4.4	70.2	6.8	72.8	6.0	49.6	2.4	84.4	1.0	73.8	4.4	73.0	5.0	52.8	6.8	54.4	1.2	46.0	0.2	51.2
Ma 25	0.4	73.2	13.0	94.0	2.0	72.2	12.0	84.8	4.4	54.0	5.0	89.4	2.8	76.6	11.0	84.0	1.0	53.8	6.4	60.8	2.2	48.2	0.6	51.8
Mi 26	1.4	74.6	28.0	122.0	9.4	81.6	24.0	108.8	1.2	55.2	2.0	91.4	2.0	78.6	20.0	104.0	2.4	56.2	4.2	65.0	7.4	55.6	2.2	54.0
J 27	0.2	74.8	0.0	121.2	0.0	81.6	0.0	108.6	0.0	55.2	0.2	91.6	0.2	78.8	0.0	103.4	0.0	56.2	0.0	65.0	0.0	55.6	0.2	54.2
V 28	0.0	74.8	0.0	121.2	0.0	81.6	0.0	108.6	0.0	55.2	0.0	91.6	0.0	78.8	0.0	103.4	0.0	56.2	0.0	65.0	0.0	55.6	0.0	54.2
S 29	4.0	78.8	0.0	121.2	3.4	85.0	0.0	108.6	17.8	73.0	20.6	112.2	14.2	93.0	0.2	103.6	0.0	56.2	0.0	65.0	0.0	55.6	0.8	55.0
Ll. 25 días	78.8		121.2		85.0		108.6		73.0		112.2		93.0		103.6		56.2		65.0		55.6		55.0	
Máx. 25 días	58.0	78.8	50.4	122.0	51.6	85.0	48.4	108.8	17.8	73.0	24.8	112.2	37.6	93.0	50.8	104.0	17.8	87.6	20.6	70.2	11.8	68.8	21.4	66.8
Ll. acum. en el año	138.8		185.4		147.2		177.2		142.8		177.0		150.0		169.4		130.6		125.0		115.6		117.2	
No. días lluvia año	21	35%	17	28%	20	33%	18	30%	24	40%	20	33%	24	40%	20	33%	17	28%	19	32%	19	32%	23	38%



Días transcurridos en el año a la fecha		60		
No. de días con algún Nivel de Alerta en el año				
Estación	A	N	R	
Antenas - Alto del Guamo	0	0	0	0
Peralonso - CHEC	0	0	0	0
Q. El Guamo - CDI San	0	0	0	0
Q. El Guamo - Los Pue	0	0	0	0
Alto de La Coca	0	0	0	0
El Mirador	0	0	0	0
Q. Olivares - Bocatoma	0	0	0	0
Q. Olivares - Bomberos	0	0	0	0
Hda. Manzanares	0	0	0	0
Finca La Paz	0	0	0	0
Q. Manizales - SKINCO	0	0	0	0
Q. Guayabal - Rto. del	0	0	0	0

CONVENCIONES

Ll. d. : Lluvia diaria en mm
A25 : Indicador lluvia antecedente de 25 días en mm
Ll. mes: Lluvia parcial o total en el mes en mm
Máx. mes: Valores máximos de lluvia diaria y A25 en el mes en mm
Ll. acum. en el año: Lluvia acumulada en el año en mm
No. días lluvia año: Número de días con lluvia en el corrido del año
Resalta la lluvia diaria máxima del mes
valor lluvia diaria calculada con estaciones cercanas
* Indicadores con base a los días de funcionamiento de cada estación
Datos resaltados en rojo están incompletos

NIVELES DE ALERTA (N.A.)

Amarilla o baja: A 200 mm <= A25 < 300 mm
Naranja o media: N 300 mm <= A25 < 400 mm
Roja o alta: R A25 >= 400 mm

Entidades participantes

