

Comparison of Red Bluff PM_{2.5} data to Willows and Anderson

Date	Willows	Red Bluff	Anderson	W	A	Low	W=0
1/24/2010	17	33	27	16	6	6	-10
1/25/2010	9	9	14	0	-5	0	0
1/26/2010	5	34	51	29	-17	17	-12
1/27/2010	7	16	76	9	-60	9	0
2/1/2010	12	24	37	12	-13	12	0
2/2/2010	16	20	36	4	-16	4	0
2/3/2010	16	28	36	12	-8	8	-4
2/4/2010	54	39	61	-15	-22	15	0
2/5/2010	14	34	47	20	-13	13	-7
2/6/2010	16	14	33	-2	-19	2	0
2/7/2010	17	13	53	-4	-40	4	0
2/8/2010	17	32	50	15	-18	15	0
2/9/2010	22	20	40	-2	-20	2	0
2/10/2010	13	22	34	9	-12	9	0
2/11/2010	13	25	42	12	-17	12	0
2/12/2010	22	22	46	0	-24	0	0
2/13/2010	21	23	43	2	-20	2	0
2/14/2010	8	17	40	9	-23	9	0
2/15/2010	6	24	42	18	-18	18	0
2/16/2010	20	22	43	2	-21	2	0
2/17/2010	25	31	48	6	-17	6	0
2/18/2010	16	26	70	10	-44	10	0
2/19/2010	28	38	51	10	-13	10	0
2/20/2010	34	39	68	5	-29	5	0
2/21/2010	6	23	46	17	-23	17	0
2/22/2010	7	25	55	18	-30	18	0
2/23/2010	20	22	36	2	-14	2	0
2/24/2010	21	17	30	-4	-13	4	0
2/25/2010	10	32	33	22	-1	1	-21
3/1/2010	19	33	42	14	-9	9	-5
3/2/2010	12	18	34	6	-16	6	0
3/3/2010	9	11	31	2	-20	2	0
3/4/2010	16	15	59	-1	-44	1	0
3/5/2010	7	23	44	16	-21	16	0
3/6/2010	9	35	32	26	3	3	-23
3/7/2010	11	24	41	13	-17	13	0
3/8/2010	10	11	18	1	-7	1	0
3/9/2010	8	10	10	2	0	0	-2
3/10/2010	25	22	29	-3	-7	3	0
3/11/2010	19	45	37	26	8	8	-18
3/12/2010	36	36	30	0	6	0	0
3/13/2010	11	21	28	10	-7	7	-3
3/14/2010	7	28	34	21	-6	6	-16
3/15/2010	13	21	48	8	-27	8	0
3/16/2010	19	16	44	-3	-28	3	0
3/17/2010	9	11	46	2	-35	2	0
3/19/2010	48	20	45	-28	-25	25	-3
3/20/2010	33	30	36	-3	-6	3	0
3/21/2010	52	28	37	-24	-9	9	-16
3/22/2010	21	24	41	3	-17	3	0

Correlation Red Bluff PM_{2.5} data to:

	#Days	Willows	Anderson
Red Bluff highest	20	0.510	0.603
Closer to Willows	208	0.746	0.323
Mixed data	44	0.521	0.874
Closer to Anderson	34	0.278	0.868
Red Bluff lowest	35	0.466	0.350
	341		

Analyses of all 341 days of PM_{2.5} sampling

Number of days Red Bluff closest to Willows

PM_{2.5} value: **251**

Correlation coefficient:

Willows **0.319**

Anderson 0.207