

Frequency of Salem's Wind DIRECTION¹, based on Weather

Using this chart: Each direction totals ~100%. Within that direction are the frequencies (%) of weather. Zero indicated by – sign. *Example:* In Feb, when wind is from the south (S), it rains 26% of time, with fog 4% of time.

		Calm	VRB	N 349° to 11°	NNE 11° to 34°	NE 34° to 56°	ENE 56° to 79°	E 79° to 101°	ESE 101° - 124°	SE 124° - 146°	SSE 146° - 169°	S 169° - 191°	SSW 191° - 214°	SW 214° - 236°	WSW 236° - 259°	W 259° - 281°	WNW 281° - 304°	NW 304° - 326°	NNW 326° - 349°
J A N U A R Y	RA	22	23	7	8	10	11	15	17	17	20	24	20	16	19	16	12	14	15
	RW	7	11	<1	<1	<1	1	3	3	5	7	13	16	13	6	6	3	3	3
	DZ	<1	1	2	<1	2	2	1	<1	2	1	<1	<1	<1	<1	<1	<1	2	1
	FZRA	<1	-	2	2	1	-	1	-	<1	<1	<1	<1	-	-	<1	<1	1	1
	SN	2	1	5	5	3	3	3	4	2	5	3	8	3	6	3	1	2	4
	TS	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-
	FG	19	9	20	22	33	28	26	29	18	10	7	6	8	23	17	16	17	14
	MIFG	4	<1	1	1	2	1	4	4	4	3	2	1	2	2	3	2	2	1
	None	47	58	65	65	51	58	49	47	54	50	53	52	55	47	54	65	62	63
F E B R U A R Y	RA	18	22	8	7	10	8	13	13	16	23	26	22	9	9	8	9	14	17
	RW	9	12	2	2	1	<1	0	1	4	7	11	15	12	17	10	6	5	6
	DZ	1	2	2	2	<1	<1	1	<1	<1	1	<1	<1	<1	-	1	<1	2	1
	FZRA	<1	<1	<1	<1	<1	<1	3	1	<1	<1	<1	-	<1	-	-	-	<1	<1
	SN	1	1	1	1	<1	1	<1	<1	4	3	2	2	2	2	2	<1	<1	1
	TS	<1	-	-	-	-	-	-	-	-	<1	<1	<1	<1	-	-	-	-	-
	FG	12	8	17	14	17	12	16	19	12	7	4	3	4	6	7	6	10	11
	MIFG	4	<1	1	<1	2	3	3	2	4	3	2	1	3	2	3	2	2	1
	None	56	58	72	78	71	74	64	63	60	58	57	58	68	65	69	77	67	65
M A R C H	RA	15	22	9	7	7	8	10	15	19	26	22	16	9	11	10	13	15	16
	RW	10	11	1	2	2	2	4	3	5	7	16	17	14	11	8	8	7	8
	DZ	<1	<1	1	<1	<1	-	-	-	<1	<1	<1	<1	<1	-	-	<1	<1	<1
	SN	<1	<1	1	<1	-	-	-	-	<1	2	2	2	2	1	1	<1	<1	<1
	TS	<1	<1	-	-	-	-	-	-	-	-	-	<1	<1	<1	-	-	-	-
	FG	7	3	10	7	6	7	5	9	4	2	1	1	2	3	4	4	5	6
	MIFG	2	-	<1	<1	-	<1	<1	1	1	<1	<1	<1	1	<1	<1	<1	<1	<1
	None	67	65	80	82	84	82	81	74	73	64	60	64	73	74	78	75	74	70
A P R I L	RA	10	20	2	2	3	6	5	7	12	19	16	14	7	6	4	6	8	12
	RW	7	11	1	<1	1	2	4	3	4	9	12	13	12	10	9	6	5	6
	DZ	<1	<1	-	-	<1	-	<1	-	<1	<1	<1	-	<1	-	<1	<1	<1	<1
	TS	-	<1	-	<1	-	-	-	-	-	-	<1	<1	<1	-	-	-	-	-
	FG	2	2	2	3	2	2	1	2	1	1	1	<1	<1	<1	<	2	1	2
	MIFG	2	-	<1	-	<1	<1	<1	-	<1	-	<1	-	<1	<1	-	-	<1	-
	None	79	69	94	95	92	88	88	90	83	71	71	73	80	83	86	87	87	80
	None	79	69	94	95	92	88	88	90	83	71	71	73	80	83	86	87	87	80
M A Y	RA	6	13	3	2	3	2	2	4	9	19	12	8	6	7	5	5	7	10
	RW	5	7	<1	<1	2	1	5	2	7	8	11	15	10	7	5	5	6	7
	DZ	<1	1	-	-	-	<1	-	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
	TS	<1	-	-	-	-	<1	1	-	<1	<1	<1	<1	<1	1	-	<1	-	-
	FG	2	1	2	1	2	1	<1	2	1	1	<1	<1	1	1	2	2	2	2
	MIFG	1	-	<1	<1	<1	-	-	-	-	-	<1	<1	-	<1	<1	-	<1	<1
	None	86	80	95	96	94	97	93	93	84	72	76	76	84	83	87	89	87	83
	None	86	80	95	96	94	97	93	93	84	72	76	76	84	83	87	89	87	83
J U N E	RA	6	12	<1	<1	<1	<1	3	2	8	11	12	8	5	4	3	3	3	5
	RW	4	6	<1	<1	1	1	3	1	3	8	11	8	7	5	3	3	4	6
	DZ	<1	<1	<1	-	<1	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	-	<1
	TS	<1	-	<1	-	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1
	FG	1	1	<1	<1	<1	<1	2	<1	2	2	1	1	1	1	<1	<1	<1	<1
	MIFG	<1	-	<1	-	-	-	-	-	<1	<1	-	<1	-	-	-	-	-	<1
	None	89	81	98	99	98	97	94	94	89	80	79	81	86	89	92	94	95	92
	None	89	81	98	99	98	97	94	94	89	80	79	81	86	89	92	94	95	92

Example: In December, best chance of thunderstorms occurs with a west (W) wind (freezing rain/drizzle occurs 1% of time when wind from the west. However, smaller chances occur with southerly winds (<1%).

		Calm	VRB	N 349° to 11°	NNE 11° to 34°	NE 34° to 56°	ENE 56° to 79°	E 79° to 101°	ESE 101° - 124°	SE 124° - 146°	SSE 146° - 169°	S 169° - 191°	SSW 191° - 214°	SW 214° - 236°	WSW 236° - 259°	W 259° - 281°	WNW 281° - 304°	NW 304° - 326°	NNW 326° - 349°
J U L Y	RA	2	8	<1	<1	<1	-	<1	1	1	8	4	3	1	1	<1	1	1	1
	RW	2	4	<1	<1	-	1	-	4	3	4	3	7	6	3	2	2	<1	<1
	DZ	<1	-	<1	<1	<1	-	<1	-	-	<1	1	<1	<1	-	<1	<1	<1	<1
	TS	<1	<1	-	-	-	-	1	1	<1	<1	-	<1	<1	<1	-	<1	-	-
	FG	<1	2	<1	<1	<1	<1	-	-	-	<1	1	<1	<1	<1	<1	<1	<1	1
	MIFG	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	None	96	87	99	99	99	98	98	95	96	87	92	90	92	96	97	97	98	97
A U G U S T	RA	2	8	<1	<1	<1	1	1	4	3	5	4	1	1	1	1	1	1	1
	RW	2	6	<1	<1	<1	1	<1	3	1	4	6	6	3	3	2	1	1	1
	DZ	<1	2	<1	-	-	<1	<1	-	1	<1	<1	<1	-	-	<1	<1	<1	<1
	TS	<1	-	<1	<1	-	-	<1	1	1	-	<1	<1	-	1	<1	-	-	<1
	FG	1	3	1	1	1	2	1	1	2	1	1	<1	1	-	<1	1	1	1
	MIFG	1	-	-	-	<1	-	<1	-	<1	<1	<1	<1	-	-	-	-	<1	<1
	None	93	84	98	97	97	95	96	93	93	90	87	92	94	95	96	97	96	96
S E P T E M B E R	RA	3	12	1	<1	1	1	4	3	7	8	12	10	4	4	2	5	2	3
	RW	3	4	<1	<1	<1	1	3	3	4	5	7	6	5	6	3	3	2	3
	DZ	<1	<1	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	-	<1	<1	<1	<1
	TS	<1	-	<1	-	-	-	-	1	1	<1	<1	<1	<1	<1	<1	-	-	-
	FG	5	5	4	4	4	3	5	4	3	7	5	5	2	3	3	3	3	4
	MIFG	5	<1	<1	<1	<1	<1	1	<1	3	2	2	1	2	<1	<1	<1	1	<1
	None	78	81	87	90	86	85	80	82	79	76	74	76	82	82	87	85	87	85
O C T O B E R	RA	9	15	3	2	4	5	5	3	10	16	17	14	6	6	7	9	9	11
	RW	3	8	<1	1	1	<1	1	2	2	6	9	12	8	5	4	3	2	3
	DZ	1	<1	1	1	1	2	2	2	1	1	<1	<1	<1	-	<1	<1	<1	<1
	TS	<1	<1	-	-	-	-	-	-	-	<1	-	<1	<1	-	-	-	-	<1
	FG	14	9	14	13	15	18	18	15	17	10	6	7	8	13	13	12	12	11
	MIFG	8	1	1	<1	2	-	1	3	6	4	3	2	4	2	2	2	4	2
	None	58	69	69	75	67	67	62	65	57	58	61	62	67	68	69	72	68	67
N O V E M B E R	RA	16	27	7	7	9	13	18	12	15	22	24	24	12	13	16	16	16	19
	RW	7	9	<1	<1	1	2	2	3	3	6	9	13	8	10	5	6	3	5
	DZ	1	1	2	3	2	2	1	1	2	1	1	<1	2	<1	<1	<1	1	1
	FZRA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN	<1	-	2	1	1	-	<1	1	-	-	<1	-	<1	1	<1	<1	<1	<1
	TS	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-
	FG	17	9	20	24	31	31	36	31	20	11	8	8	14	18	21	11	17	16
	MIFG	6	<1	1	2	1	2	4	2	5	3	3	2	3	2	2	3	2	2
	None	53	57	64	60	49	49	47	47	54	56	55	54	60	54	57	62	60	58
D E C E M B E R	RA	19	26	9	8	11	13	17	13	13	24	23	20	16	13	11	17	15	17
	RW	7	11	2	1	1	<1	3	2	1	6	12	18	15	14	11	7	4	4
	DZ	1	1	2	5	4	-	2	3	1	2	1	1	<1	1	<1	<1	1	1
	FZRA	-	-	1	1	-	-	<1	-	-	<1	-	-	-	-	-	<1	<1	<1
	SN	1	2	2	3	1	3	1	3	1	<1	1	1	1	<1	1	1	<1	2
	TS	<1	-	-	-	-	-	-	-	-	<1	<1	<1	-	-	1	<1	-	-
	FG	24	9	33	34	43	37	41	34	26	14	8	8	13	16	20	20	16	16
	MIFG	5	1	2	1	2	1	3	5	7	4	2	1	4	3	4	3	4	1
	None	45	54	52	50	40	36	38	46	47	52	55	55	53	53	54	55	60	61

¹VRB is variable (less than 3 mph). A - is zero. Based on 1948-1995 data. Numbers total may not equal 100%, as not all weather was included (such as blowing snow, dust, smoke and haze).