

Frequency of Eugene's Wind DIRECTION¹, based on Weather

Using this chart: Each direction totals ~100%. Within that direction are the frequencies (%) of weather.

Example: In February, when wind is from the south (S), it rains 27.9% of time, but has no weather occurring 53.2% 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	19.6	27.9	5.2	5.0	6.9	7.8	13.8	12.6	22.4	22.4	24.7	21.2	14.9	20.5	20.0	20.1	18.7	21.6
	RW	6.7	8.2	.4	.7	.8	.9	1.1	3.0	4.1	4.5	11.1	12.6	14.2	7.4	4.2	5.0	5.6	6.5
	DZ	.9	1.3	1.9	2.4	2.3	3.9	-	1.2	1.2	1.1	.2	.5	-	.6	1.1	1.4	.9	1.4
	FZRA	.4	.1	2.5	2.4	2.0	-	.6	-	.1	-	-	-	.1	-	-	-	-	.4
	SN	1.9	1.3	4.1	1.6	1.0	1.7	1.7	1.2	2.1	2.4	4.5	5.1	5.4	4.9	2.5	.6	1.9	2.6
	TS	-	-	-	-	-	-	-	-	-	-	.3	.2	.4	-	-	-	-	-
	FG	18.9	11.5	24.9	35.1	37.5	39.0	36.5	33.5	13.8	9.2	6.3	7.9	9.0	17.6	15.2	17.6	16.3	15.3
	MIFG	3.1	.2	.6	.9	1.5	1.7	2.8	4.2	3.0	1.1	1.3	1.5	1.3	2.2	1.1	.8	.3	.6
	None	49.7	56.8	61.9	53.9	47.7	46.3	41.4	40.1	55.7	59.2	54.0	51.5	52.1	48.9	60.4	59.0	60.2	55.8
F E B R U A R Y	RA	16.6	23.9	6.8	6.8	5.8	9.0	14.5	15.6	21.7	21.5	27.9	17.7	11.7	10.6	17.7	17.1	15.4	16.8
	RW	6.4	10.9	1.0	.7	.3	1.4	5.0	3.1	4.9	7.3	12.2	15.1	12.3	13.4	8.3	6.2	6.0	7.5
	DZ	.9	.7	1.4	.9	.6	.5	.6	1.6	1.6	1.2	.5	.3	.4	1.0	.7	.8	1.2	1.0
	FZRA	.1	.1	1.0	.3	.6	-	-	-	.2	-	.1	-	.1	-	-	-	-	.4
	SN	1.2	1.6	1.7	.8	.3	.9	-	.8	1.4	1.8	2.1	2.0	1.4	.7	1.4	1.3	1.8	1.7
	TS	.1	-	-	-	-	-	-	-	-	-	-	.1	-	-	-	-	-	-
	FG	15.9	10.5	15.3	24.1	27.3	22.6	22.6	20.3	13.6	8.2	4.1	4.1	5.0	8.9	10.3	14.0	9.1	9.8
	MIFG	5.3	.2	.5	.9	1.3	-	4.4	3.1	2.5	2.4	1.1	1.4	4.1	1.7	.7	.7	1.3	.5
	None	53.1	57.5	72.6	65.1	61.1	65.2	54.1	55.5	55.1	59.0	53.2	60.1	64.5	65.2	66.4	65.7	66.5	65.1
M A R C H	RA	14.7	21.0	7.5	6.0	5.9	9.1	9.8	11.0	14.1	18.5	22.9	17.3	9.7	13.9	14.3	16.7	16.7	16.9
	RW	7.2	10.4	1.7	1.7	.7	4.3	3.7	2.3	4.5	7.3	14.8	16.4	15.7	12.9	8.6	8.5	5.9	7.2
	DZ	.4	.9	.2	.6	-	-	-	-	.2	-	.3	.4	.3	.1	.3	.4	.5	.8
	SN	.3	.3	.4	.2	.2	.4	-	-	.7	1.2	3.0	2.1	1.6	2.2	.7	.1	.3	.2
	TS	-	-	-	.1	-	-	-	-	-	-	-	-	.1	.1	-	.1	.3	-
	FG	6.4	3.4	7.1	10.1	7.5	11.4	10.7	8.1	4.5	3.1	1.9	1.8	2.4	3.9	4.0	5.4	3.7	5.1
	MIFG	2.7	.3	.7	.2	.7	.4	1.4	3.5	1.5	1.2	.5	1.2	1.9	.2	.2	.2	.3	.3
	None	66.2	65.6	83.4	80.5	80.3	72.4	74.9	74.6	70.8	67.3	57.5	60.3	67.6	68.5	73.0	71.6	71.9	71.0
	None	66.2	65.6	83.4	80.5	80.3	72.4	74.9	74.6	70.8	67.3	57.5	60.3	67.6	68.5	73.0	71.6	71.9	71.0
A P R I L	RA	11.8	18.6	1.7	1.2	3.8	2.7	5.2	10.3	8.5	12.8	17.2	11.7	7.2	6.4	7.1	10.7	11.4	11.6
	RW	5.6	7.3	.8	1.3	1.0	2.0	1.9	3.8	8.8	8.8	10.8	16.5	12.7	10.2	10.3	7.0	4.9	5.2
	DZ	.3	.1	.2	.2	.4	-	-	1.9	.3	-	.2	.2	.1	.7	1.1	.3	1.0	.4
	TS	.1	-	-	.1	-	.3	-	-	-	-	.2	-	.2	.1	.2	-	.3	-
	FG	3.9	4.6	1.8	2.2	2.0	2.7	.9	3.8	2.0	1.7	1.8	1.3	.5	.8	1.3	3.6	2.4	2.7
	MIFG	2.4	.4	.3	.1	.2	-	.5	.6	1.4	.5	.7	.8	1.1	.2	.1	.3	.3	.2
	None	75.6	72.4	93.2	94.1	90.9	89.6	87.7	80.8	77.4	74.2	68.3	68.7	77.1	80.6	80.5	79.4	81.0	80.1
M A Y	RA	7.5	10.7	2.2	1.4	1.9	2.3	3.1	4.9	9.6	20.6	14.3	10.5	6.6	6.2	7.2	11.1	8.2	8.4
	RW	4.2	7.3	1.2	1.3	1.7	2.0	2.7	2.2	7.3	6.5	11.8	13.3	10.1	8.6	9.4	7.1	4.2	3.4
	DZ	.4	-	.1	.1	.9	.3	.3	1.1	1.0	.6	.5	.3	-	-	.1	-	.4	.2
	TS	.1	-	.1	-	-	-	.3	-	.3	.3	.2	.1	.5	.2	.2	.32	.2	-
	FG	2.9	2.8	.8	1.8	.5	.6	2.0	2.7	3.3	2.8	1.7	1.5	.5	1.4	2.3	1.9	2.1	2.8
	MIFG	1.5	.2	.1	.1	.5	.9	.7	.5	1.0	.3	1.3	1.2	.2	.1	.1	.1	-	.1
	None	82.3	80.2	95.1	95.7	93.8	93.6	91.8	89.7	77.6	69.2	71.0	73.9	82.6	84.6	82.8	80.7	85.6	86.5
J U N E	RA	7.4	10.2	.7	.6	1.5	1.3	3.2	2.8	9.2	8.2	10.6	7.7	6.1	4.7	5.6	7.2	7.6	2.4
	RW	3.9	7.2	.8	.2	.9	1.3	3.2	1.1	5.0	7.4	4.3	7.0	6.8	7.0	5.6	6.0	3.7	2.5
	DZ	.7	.3	.2	.1	-	.8	.5	-	-	-	-	.7	.6	-	.8	1.0	.2	.3
	TS	.1	-	.1	-	-	.5	.5	-	.8	.4	.2	.2	.4	.1	.1	-	-	-
	FG	3.9	4.0	.8	1.1	1.3	1.0	.5	1.1	1.9	1.3	1.0	.5	1.2	.8	.8	1.5	1.6	1.2
	None	83.8	81.3	97.2	97.7	96.0	95.3	93.2	94.4	81.6	80.5	83.5	83.3	85.5	88.2	87.5	84.8	87.7	83.7

Example: In December, best threat of freezing rain occurs with a north (N) wind (freezing rain/drizzle occurs 0.8% of time when wind is northerly. In fact, the threat of freezing rain is only when winds are North to Northeast.

		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	2.1	3.8	.2	.1	.3	.2	-	.6	1.2	3.9	3.3	2.3	.7	1.1	1.6	1.9	3.6	1.6
	RW	.9	4.7	.1	.1	.3	.5	-	1.7	2.4	3.4	2.1	2.6	2.2	2.0	1.5	2.2	.4	1.2
	DZ	.6	.9	.2	.1	.1	.2	-	.6	1.2	-	.5	.9	.4	.1	.6	.2	.7	.1
	TS	.2	.4	-	-	.1	.2	-	-	-	-	-	-	-	.1	-	-	-	.2
	FG	1.3	3.4	.3	.1	.3	1.0	1.6	2.3	1.2	1.1	.2	.3	.1	.5	.1	2.4	1.8	.7
	MIFG	1.4	-	-	-	-	.2	-	1.1	1.8	.6	-	-	.1	.1	-	.2	-	-
	None	91.7	89.4	99.1	98.9	97.8	98.1	98.4	94.3	90.4	91.6	92.8	93.0	96.3	96.1	96.1	94.3	95.1	96.7
A U G U S T	RA	5.8	1.3	.3	.3	-	.8	2.8	.6	5.6	4.4	3.6	2.8	1.5	.9	1.5	2.8	2.9	1.8
	RW	1.8	1.3	.4	.3	.1	.6	.8	1.2	4.0	4.7	2.6	5.2	2.4	2.0	3.1	1.7	1.0	1.2
	DZ	-	.8	.1	-	-	.3	.4	-	.3	.3	1.5	.6	.7	.2	.4	.5	.4	.8
	TS	.3	.2	-	-	-	-	-	-	.7	-	.3	-	.3	-	-	-	-	-
	FG	3.4	2.3	.5	.8	.6	1.4	2.0	1.9	1.7	3.0	2.0	.4	.7	1.4	.7	1.6	1.9	1.5
	MIFG	-	2.6	.1	.1	-	.3	.8	.6	1.0	2.4	.7	-	.1	.1	-	-	-	.3
	None	90.5	87.2	95.0	95.0	95.8	95.8	93.1	91.2	85.1	83.5	88.7	88.8	94.2	95.7	94.3	93.4	91.1	92.8
S E P T E M B E R	RA	3.2	7.4	.5	.6	.7	1.1	1.9	4.9	8.0	9.4	11.1	6.9	3.5	3.1	3.4	6.6	4.6	5.2
	RW	2.1	6.0	.3	.1	.5	.3	1.2	2.2	1.9	3.3	6.0	7.4	3.5	3.3	4.0	3.6	1.8	3.6
	DZ	.3	.6	.1	.1	-	.6	.8	-	1.1	.8	.6	-	.1	.5	-	.2	-	-
	TS	.1	-	-	-	.2	-	-	-	.3	-	.7	.6	.1	-	.2	.2	-	-
	FG	7.2	7.2	1.6	2.9	4.3	4.2	5.4	4.4	5.5	6.9	7.0	4.2	2.3	2.7	2.4	3.6	1.8	3.2
	MIFG	7.0	-	.1	.1	.3	.6	2.3	2.2	4.4	3.6	2.7	1.2	1.3	.9	.4	.5	.8	.4
	None	70.5	80.0	87.6	86.6	84.1	87.4	81.8	81.4	68.6	65.0	64.2	72.5	82.3	83.5	85.3	84.5	83.8	81.1
O C T O B E R	RA	6.6	13.8	2.8	3.8	4.2	3.1	6.2	11.5	19.5	15.8	15.9	10.6	7.6	9.4	11.2	14.2	12.3	11.9
	RW	2.8	5.1	.2	.6	.4	1.0	1.4	1.1	3.5	4.5	9.2	11.2	8.1	6.6	5.9	3.8	3.4	4.4
	DZ	1.0	.1	.5	.8	.4	.3	.5	1.1	.8	.3	.6	.3	.3	.5	.5	.6	1.0	.2
	TS	-	-	-	-	-	-	-	-	-	-	-	-	.2	-	-	-	-	-
	FG	22.0	13.3	10.6	15.4	19.3	17.5	19.9	19.8	18.5	12.7	11.6	11.9	9.2	10.9	12.6	15.4	12.8	12.5
	MIFG	6.7	1.1	.7	.7	2.2	1.7	3.8	7.1	6.2	4.9	4.9	4.4	5.5	2.6	1.5	1.3	2.1	1.4
	None	48.3	68.3	74.0	66.4	60.5	68.2	61.1	51.1	42.6	50.3	51.7	57.1	59.6	67.0	65.8	67.8	68.4	67.8
N O V E M B E R	RA	12.8	24.1	5.1	4.8	7.9	7.4	6.1	13.4	16.7	19.2	23.8	16.4	13.1	17.1	19.1	24.2	25.4	22.6
	RW	6.9	10.3	.3	.7	.8	.4	1.7	-	3.1	5.8	11.8	11.6	8.9	7.0	7.3	5.6	4.0	5.0
	DZ	.6	.5	3.2	2.1	2.1	2.2	2.8	1.4	1.6	.7	.3	.5	.4	.9	1.7	1.0	.5	1.0
	FZRA	-	-	.1	.3	-	.4	-	.7	-	-	-	-	-	-	-	-	-	-
	SN	.5	.1	1.3	.4	-	-	-	-	-	-	-	.1	-	-	.5	.2	-	.2
	TS	-	-	-	-	-	-	-	-	-	-	-	.2	-	.3	-	.1	-	-
	FG	22.0	12.6	21.7	27.3	31.1	45.9	40.0	30.3	16.1	9.6	8.2	6.9	12.8	15.2	15.0	15.7	12.4	14.1
	MIFG	5.1	.3	1.5	1.9	1.1	1.7	2.8	6.3	5.9	3.5	2.6	4.3	6.0	3.7	2.9	1.3	1.1	1.4
	None	46.2	57.9	59.2	54.4	50.8	41.9	42.2	44.4	54.7	59.9	52.9	58.1	55.2	58.2	59.4	59.0	61.8	59.9
D E C E M B E R	RA	16.8	23.4	6.2	6.0	8.4	7.1	12.4	11.6	16.7	20.4	23.8	18.0	11.6	21.3	20.7	21.8	21.4	21.9
	RW	7.0	10.7	.6	1.2	.2	1.7	1.2	3.2	2.6	4.5	11.9	17.8	16.0	10.2	8.6	4.6	4.6	6.8
	DZ	1.3	.6	2.9	3.1	3.1	1.3	3.5	2.6	2.3	1.3	1.0	.6	-	.6	1.9	1.3	.9	1.2
	FZRA	-	-	.8	.4	.2	-	-	-	-	-	-	-	-	-	-	-	-	-
	SN	1.1	.9	1.1	1.5	.8	.2	.4	-	.6	1.1	.9	.3	1.3	1.3	1.1	1.4	1.0	.5
	TS	-	.1	-	-	-	-	-	-	-	-	-	.1	.1	-	-	.1	.1	-
	FG	24.4	10.6	34.5	46.6	46.5	46.0	50.0	36.8	14.4	9.4	6.6	7.4	10.3	17.4	17.8	17.0	14.2	14.5
	MIFG	5.2	.2	1.4	1.2	3.3	1.7	4.1	3.9	3.5	2.9	1.3	1.8	3.8	2.2	2.5	.6	1.1	1.5
	None	43.8	58.8	52.4	41.5	37.7	40.6	34.1	46.5	58.3	59.8	56.4	53.4	55.2	52.9	54.4	59.1	60.0	57.4

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).