

Bias =

$\frac{a + b}{a + c}$

(bias=1 is desirable)

Hit Rate =

$\frac{a}{a + c}$

(HT=1 is desirable)

False Alarm Rate =

$\frac{b}{b + d}$

(F=0 is desirable)

Tempratue Treshold =

2.5 C

I.R OF IRAN METEOROLOGICAL

INFORMATION AND COMMUNICATION

OBSERVED WEATHER PARAMETERS COMPARE TO FAV

FROM 2024-03-20 00:00:00.0 TO 2024-04-19 00:00:00.0

False alarm ratio =

$\frac{b}{a + b}$

(F=0 is desirable)

Proportion Correct =

$\frac{a + d}{a + b + c +}$

(PC=0 is desirable)

Critical Success Index=

$\frac{a}{a + b + c}$

(CSI=1 is desirable)

Day Bulletin of province

			minimum temprature			maximum temprature			precipitation											
province			tmin 24h	tmin 48h	tmin 72h	tmax 24h	tmax 48h	tmax 72h		Hit	False Alarm	Miss	Correct Rejection		Bias	Hit Rate	False Alarm Rate	False Alarm Ratio	Proporti on correct	Critical Success Index
Azarbayjan	فاطمه غفاری	percent of true:	83.56 %	87.50 %	69.33 %	100.00 %	80.82 %	86.30 %	24h	7	1	32	33	24h	0.21	0.18	0.03	0.12	0.55	0.17
		percent of	16.44 %	12.50 %	30.67 %	0.00 %	19.18 %	13.70 %	48h	31	8	2	31	48h	1.18	0.94	0.21	0.21	0.86	0.76
		Total forecasts:	73	72	75	75	73	73	72h	22	22	1	30	72h	1.91	0.96	0.42	0.50	0.68	0.48
Azarbayjan	مرتضی نریمان	percent of true:	90.91 %	77.78 %	63.33 %	97.78 %	86.67 %	70.00 %	24h	15	2	2	25	24h	1.00	0.88	0.07	0.12	0.91	0.79
		percent of	9.09 %	22.22 %	36.67 %	2.22 %	13.33 %	30.00 %	48h	10	16	3	16	48h	2.00	0.77	0.50	0.62	0.58	0.34
		Total forecasts:	44	45	30	45	45	30	72h	0	0	2	28	72h	0.00	0.00	0.00	-	1.47	0.00
Azarbayjan	مسعود افخمی	percent of true:	83.33 %	80.83 %	81.20 %	99.15 %	85.00 %	75.00 %	24h	45	22	4	49	24h	1.37	0.92	0.31	0.33	0.78	0.63
		percent of	16.67 %	19.17 %	18.80 %	0.85 %	15.00 %	25.00 %	48h	53	33	3	31	48h	1.54	0.95	0.52	0.38	0.70	0.60
		Total forecasts:	120	120	117	117	120	120	72h	42	32	15	28	72h	1.30	0.74	0.53	0.43	0.65	0.55
Azarbayjan	ملیحه نقوی	percent of true:	90.67 %	73.97 %	69.32 %	98.67 %	80.00 %	86.21 %	24h	1	7	15	52	24h	0.50	0.06	0.12	0.88	0.71	0.04
		percent of	9.33 %	26.03 %	30.68 %	1.33 %	20.00 %	13.79 %	48h	15	0	2	56	48h	0.88	0.88	0.00	0.00	0.97	0.88
		Total forecasts:	75	73	88	75	75	87	72h	23	8	3	54	72h	1.19	0.88	0.13	0.26	0.87	0.70

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Day Bulletin of province

minimum temprature				maximum temprature				precipitation											
province		tmin 24h	tmin 48h	tmin 72h	tmax 24h	tmax 48h	tmax 72h		Hit	False Alarm	Miss	Correct Rejection		Bias	Hit Rate	False Alarm Rate	False Alarm Ratio	Proporti on correct	Critical Success Index
Azarbayjan	percent of true:	79.45 %	77.78 %	80.00 %	93.15 %	85.06 %	70.00 %	24h	12	3	2	56	24h	1.07	0.86	0.05	0.20	0.93	0.71
	ناصر منصورى درخشانpercent of	20.55 %	22.22 %	20.00 %	6.85 %	14.94 %	30.00 %	48h	22	8	1	59	48h	1.30	0.96	0.12	0.27	0.90	0.71
	Total forecasts:	73	90	90	73	87	90	72h	25	9	13	43	72h	0.89	0.66	0.17	0.26	0.72	0.71
Azarbayjan	percent of true:	90.67 %	93.33 %	85.00 %	100.00 %	86.67 %	95.00 %	24h	20	10	7	38	24h	1.11	0.74	0.21	0.33	0.77	0.54
	نوروز اصغرزادهpercent of	9.33 %	6.67 %	15.00 %	0.00 %	13.33 %	5.00 %	48h	15	0	5	40	48h	0.75	0.75	0.00	0.00	0.92	0.75
	Total forecasts:	75	60	60	75	60	60	72h	10	0	6	44	72h	0.62	0.62	0.00	0.00	0.98	0.67