



White Sands Missile Range Southern Basin

Seven-Day Forecast

Weather Forecast Office, Building 1830
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Last Updated 0900L 10 April 2024 by R. Wiggins










WSMR WEATHER WARNING INFO

No Current Weather Warnings.

[Click for Warning Details](#)

Temperatures in degrees Fahrenheit. Winds in miles per hour.

	Wednesday, 10 April 2024							
	CLEAR	HIGH	WIND DIRECTION	WIND SPEED	PEAK WIND	PRECIP CHANCES	T'STORM CHANCES	
		77	NW-NE	5-10	25	0%	0%	
Near average temperatures and clear skies. Overall calm day.								
	Thursday, 11 April 2024							
	CLEAR BCMG PARTLY CLOUDY LATE	LOW	HIGH	WIND DIRECTION	WIND SPEED	PEAK WIND	PRECIP CHANCES	T'STORM CHANCES
	35	82	NE-SE	5-10	25	0%	0%	
Above average temperatures and clear skies until evening. Overall calm, but warm day.								
	Friday, 12 April 2024							
	PARTLY CLOUDY	LOW	HIGH	WIND DIRECTION	WIND SPEED	PEAK WIND	PRECIP CHANCES	T'STORM CHANCES
	42	87	E-SW	8-16	30	0%	0%	
Hot with partial cloud cover. Breezy afternoon winds as a trough approaches.								
	Saturday, 13 April 2024							
	MOSTLY CLEAR TO PARTLY CLOUDY	LOW	HIGH	WIND DIRECTION	WIND SPEED	PEAK WIND	PRECIP CHANCES	T'STORM CHANCES
	55	84	SW-W	10-20	34	0%	0%	
Warm with some cloud cover. Low-end windy across range.								
	Sunday, 14 April 2024							
	PARTLY CLOUDY	LOW	HIGH	WIND DIRECTION	WIND SPEED	PEAK WIND	PRECIP CHANCES	T'STORM CHANCES
	55	84	SW-W	10-20	34	0%	0%	
Warm with some cloud cover. Breezy to low-end windy conditions.								
	Monday, 15 April 2024							
	AM: PARTLY CLOUDY PM: MOSTLY CLEAR TO CLEAR	LOW	HIGH	WIND DIRECTION	WIND SPEED	PEAK WIND	PRECIP CHANCES	T'STORM CHANCES
	57	78	SW-W	15-28	53	0%	0%	
Near average temperatures and quite windy. Decreasing clouds through the day.								
	Tuesday, 16 April 2024							
	MOSTLY CLEAR TO CLEAR	LOW	HIGH	WIND DIRECTION	WIND SPEED	PEAK WIND	PRECIP CHANCES	T'STORM CHANCES
	54	82	SW-W	7-14	30	0%	0%	
Warm and breezy as Monday's trough begins to exit the region.								

Forecaster: R. Wiggins



White Sands Missile Range Weather Threat Assessment



Probability Scale (from low to high): No, Low, Moderate, High, Yes

Caution

Dangerous

Life Threatening

Wednesday, 10 April 2024

Criteria/Threat	Main Post/East Slopes	Southern Range	Northern Range	Higher Elevations ¹	West Slopes
	NO WEATHER THREATS EXPECTED				

Thursday, 11 April 2024

Criteria/Threat	Main Post/East Slopes	Southern Range	Northern Range	Higher Elevations ¹	West Slopes
	NO WEATHER THREATS EXPECTED				

Friday, 12 April 2024

Criteria/Threat	Main Post/East Slopes	Southern Range	Northern Range	Higher Elevations ¹	West Slopes
	NO WEATHER THREATS EXPECTED				

Saturday, 13 April 2024

Criteria/Threat	Main Post/East Slopes	Southern Range	Northern Range	Higher Elevations ¹	West Slopes
Strong Wind Gusts (>35 mph)	MODERATE	LOW	LOW	HIGH	NO
Damaging Wind Gusts (>55 mph)	NO	NO	NO	LOW	NO

Sunday, 14 April 2024

Criteria/Threat	Main Post/East Slopes	Southern Range	Northern Range	Higher Elevations ¹	West Slopes
Strong Wind Gusts (>35 mph)	MODERATE	LOW	LOW	HIGH	NO
Damaging Wind Gusts (>55 mph)	NO	NO	NO	LOW	NO

Monday, 15 April 2024

Criteria/Threat	Main Post/East Slopes	Southern Range	Northern Range	Higher Elevations ¹	West Slopes
Strong Wind Gusts (>35 mph)	MODERATE	LOW	LOW	HIGH	NO
Damaging Wind Gusts (>55 mph)	NO	NO	NO	LOW	NO

Tuesday, 16 April 2024

Criteria/Threat	Main Post/East Slopes	Southern Range	Northern Range	Higher Elevations ¹	West Slopes
Strong Wind Gusts (>35 mph) (AM)	MODERATE	LOW	LOW	HIGH	NO

¹ Higher elevation locations include San Augustin Pass, Salinas Peak, and North Oscura Peak

[List of abbreviations and acronyms](#)



Southern Basin Climate Almanac



<u>C-Station</u>			<u>Main Post</u>		
<u>Tuesday</u>	<u>Low</u>	<u>High</u>	<u>Tuesday</u>	<u>Low</u>	<u>High</u>
Temperature:	41	68	Temperature:	41	66
Average:	46	78	Average:	49	76
Record:	19	91	Record:	30	90
Year of Record:	1973	2019*	Year of Record:	1973	2019*
<u>Today</u>	<u>Low</u>	<u>High</u>	<u>Today</u>	<u>Low</u>	<u>High</u>
Average:	46	78	Average:	50	76
Record:	24	92	Record:	36	89
Year of Record:	1974	1972	Year of Record:	1949	1972
<u>Precip (inches)</u>					
Tuesday:	0.00				
April:	0.01		Sunset:	1932 MDT Wed	
2024:	0.54		Sunrise:	0640 MDT Thu	

Valid: 10 April

Notable Weather Events for April		
Date	Location	Event
1 April	Main Post	0.17" precip

Temperature Unit °F

*And Previous Years

R=New Record

T=Tied Record

Main Post Period of Record: 1947-1979; 1988-2022

C-Station Period of Record: 1968-2022



White Sands Weather Forecast Office

Detailed Weather Discussion

Last Updated 0940L 09 April 2024 by R. Wiggins



Today, winds will turn northerly mid-day as a low pressure system migrates just to our south and south east. This compounded with ample cloud cover will limit the afternoon high temperature to well below normal. This system will have brought some moisture to the area, giving us chances for scattered showers in the southern basin/main post. Chances are higher for northern range. Movement of any showers will be north to south with the wind. Winds don't look to be anything out of the norm for April. Though we might see somewhat of a funnelling effect, giving us some gusty winds in central and southern range.

Wednesday through early Friday, upper level ridging will be in place, allowing clear skies and warming temperatures, eventually reaching 86 on Friday! If this high forecast verifies, it will be the warmest day we've had so far year-to-date. Hopefully there is enough cloud cover to dampen the heat some. Friday will also be breezy as another trough tracks into the area.

Saturday looks like the windiest day of the period, though it will be a fairly marginal event. For now, it looks like peak winds in the basin may be barely warnable. I've added a low chance for Damaging wind gusts (>55 mph) only for higher elevation areas in the WTA. Sunday will remain breezy to low-end windy, but as this is day 7 of the forecast, this could change in the coming days. Just beyond this forecast period there looks to be a moderate wind event. More on this in the coming days' forecasts.