

Desert Valley Brewery Ltd. Harvard Case Solution & Analysis



Death Valley food web

Food Chain of Death Valley

Description of Death Valley

Location
Death Valley is located 36 degrees North and 117 degrees West.

Description of climate throughout the year
Summer temperatures often go up to 120°F and average of 100°F during the day. Winters are mild, with temperatures ranging from 40°F to 60°F. Precipitation is very low, averaging only 2 inches per year. The desert is very dry, with little to no snow. The Death Valley is a very hot and dry place, with very little precipitation and very high temperatures.

List of dominant plants

- Creosote
- Mojave yucca
- Ground Cherry
- Amaranth
- Bulbine
- Lupine
- Calf Tails
- Curry Grass
- Tamarisk
- Yucca etc.

Plant Success

- Sagebrush
- Yucca
- Amaranth
- Calf Tails
- Curry Grass
- Tamarisk
- Yucca etc.

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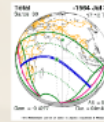
Description of Death Valley

Death valley is unique because it is the lowest, hottest, and driest desert in North America. It contains more than 3.3 million land area of desert scenery, rare wildlife, and sites of historical events. It is also nearly 550 square miles below sea level.



Location

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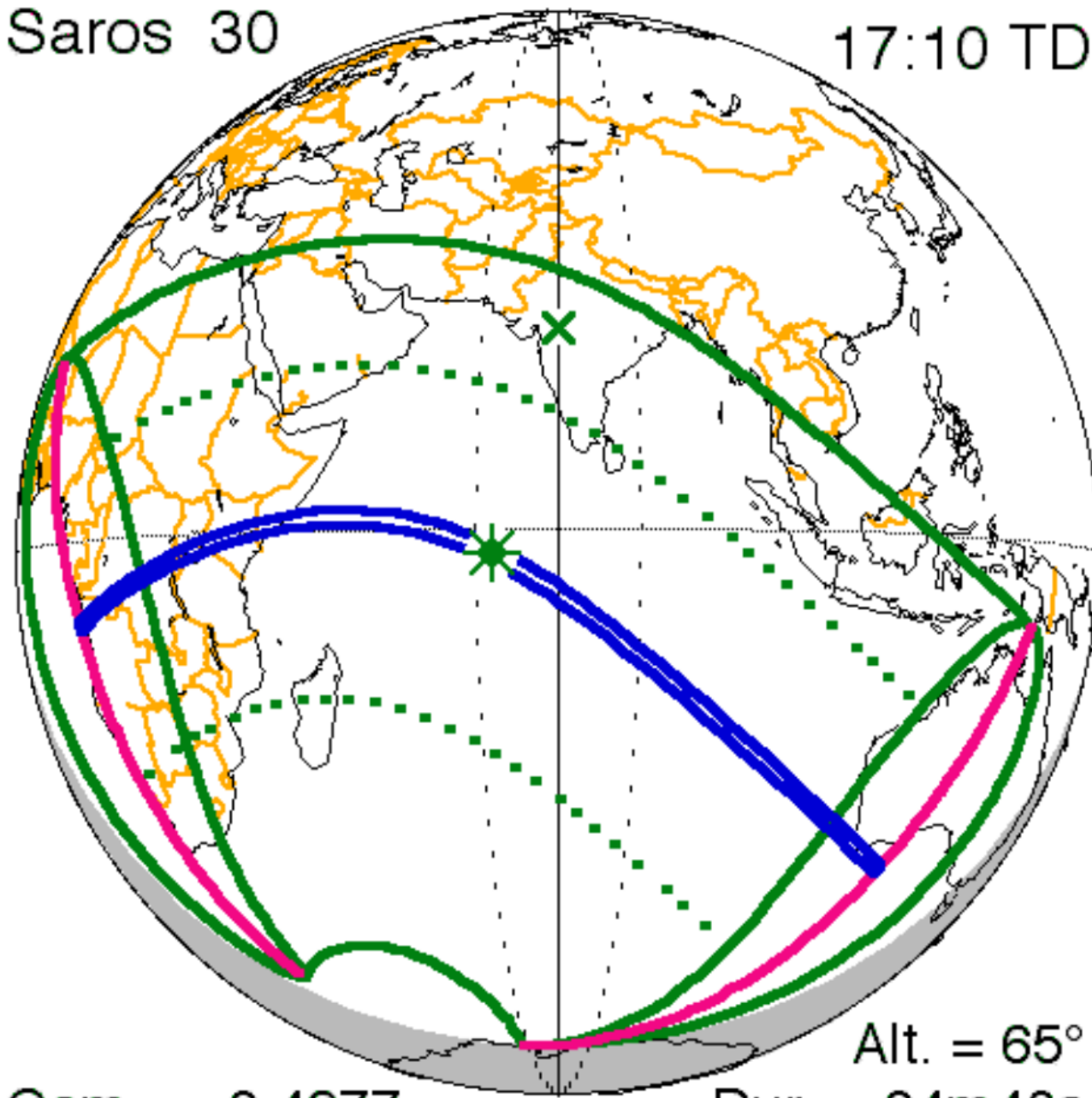


Total

Saros 30

-1564 Jul 31

17:10 TD



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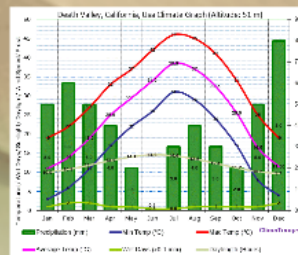
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Dur. = 04m48s

Five Millennium Canon of Solar Eclipses (Espenak & Meeus)

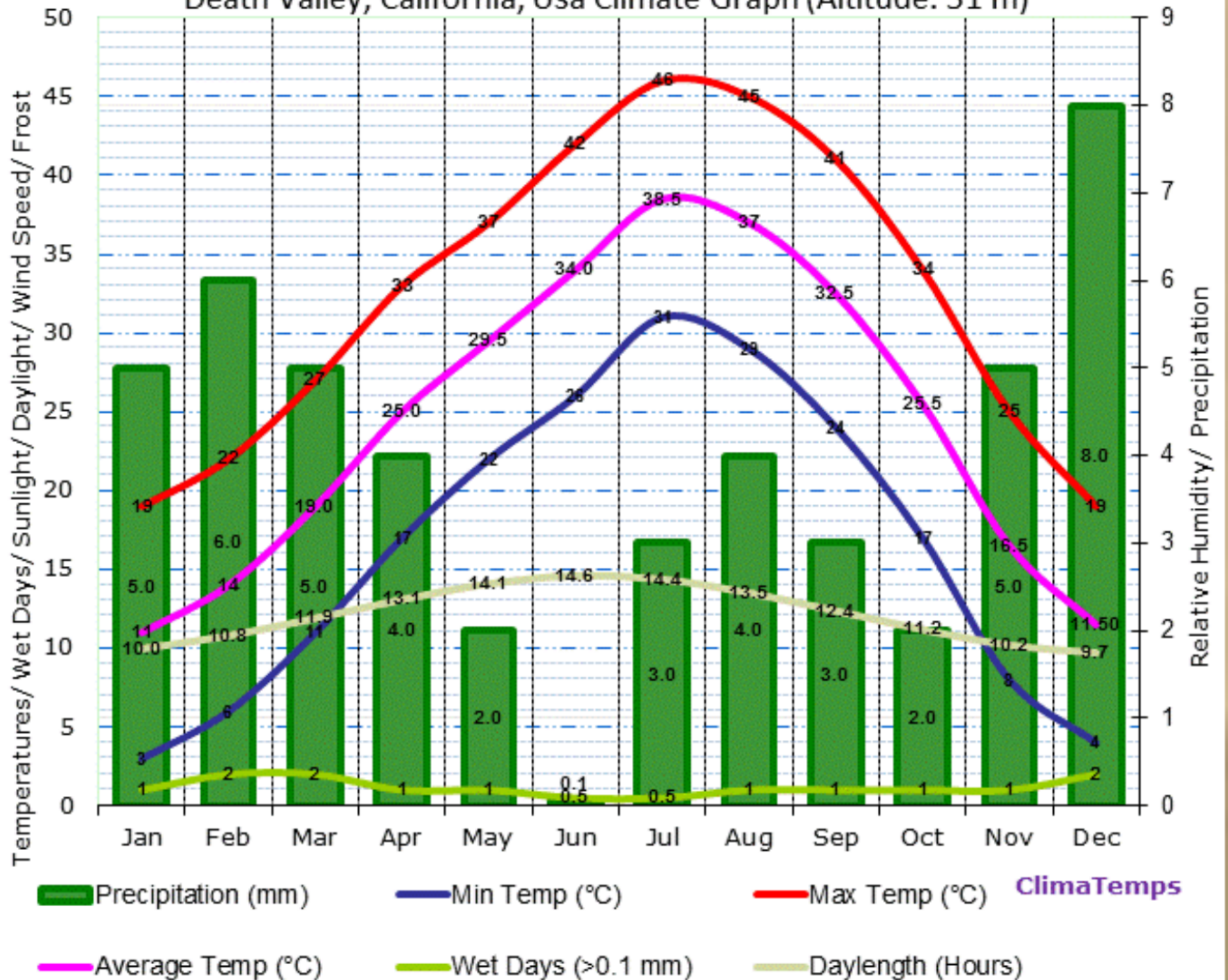
Description of Climate throughout the year

Summer temperatures often go up to 120°F (49°C), overnight it goes down into the 90s°F (mid-30s°C.) Average rainfall is less than 2 inches (5 cm), a fraction of what most deserts receive.









Occasional thunderstorms, especially in late summer, can cause flash floods. Temperatures drop 3 to 5°F (2 to 3°C) with every thousand vertical feet (approx. 300m). Sunny skies are the norm in Death Valley, but winter storms and summer monsoons can bring cloud cover and rain.



Death Valley, California, Usa Climate Graph (Altitude: 51 m)



List of dominant plants

- **Creosote** 
- **Mojave Pincushion** 
- **Ground Cherry** 
- **Amaranth** 
- **Bedstraw** 
- **Lupine** 
- **Odora** 
- **Curly dock** 
- **Tamarisk** 
- **Vetch etc.** 