Humphrey’s Peak data:

|  |  |  |  |
| --- | --- | --- | --- |
| **Life Zone** | **Dominant Plant Species** | **2019 Max Elevation (m)** | **2099 Predicted Max Elevation (m)** |
| Transition(1800 – 2400 m) | Ponderosa pine | 2400 |  |
| Canadian(2400 – 2800 m) | Douglas fir | 2800 |  |
| Hudsonian (2800 – 3500 m) | Engelmann spruce | 2500 |  |
| Arctic-Alpine (3500 – 3850 m) | San Francisco Peaks ragwort | 3850 |  |

|  |  |  |
| --- | --- | --- |
| **Mountain Feature** | **2019 Elevation (m)** | **2219 Predicted Elevation (m)** |
| Timberline (elevation where no trees grow) | 3500 |  |

Predicted change in mean temperature between 2019 and 2099: **4-8°C** (**7-15°F)**

The San Francisco Peaks (Humphrey’s Peak on the left):



Humphrey’s Peak: Today and Future Predictions

Elevation (meters)

4000

**2019**

**2099**

3800

3600

3400

3200

3000

2800

2600

2400

2200

2000

1800