



TULIPS



An Elevation Experiment: How Quickly Does Spring Climb Mountains?

1	2	3	4	5	6	7
Colorado Town (lat., long.)	School	Elevation	A Number of feet higher in altitude from Pueblo?	Calculate how many days difference: 100-foot units (A /100)	Predicted Emerge Date	Actual Emerge Date
Pueblo (38.30, -104.54)	South Park Elementary	4,662 feet	0	0	(Actual)	
Aspen (39.12, -106.79)	Aspen Elementary	7,907 feet				
Fraser (39.96, -105.83)	Fraser Valley Elementary	8,550 feet				
Crested Butte (38.89, -106.92)	Crested Butte Community School	8,909 feet				

Calculate and Predict

- Begin by calculating columns 4 and 5 (remember Teale's theory that spring advances 100 feet each day).
- Next, watch for South Park Elementary in Pueblo to report their tulips emerging and enter the date into columns 6 and 7.
- Use your calculations from column 5 to enter your predicted dates for the other towns in column 6.
- Watch the Journey North Web site for the remainder of the schools to report tulips emerging, and record the dates into column 7.
- After you have completed the table, check to see how accurately spring can be predicted using Teale's theory.



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