LAB 9

2.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 2.010 | 1.840 | 1.677 | 0.766 | 0.180 | 0.061 | 0.021 | 0.062 | 0.161 | 0.446 | 1.076 | 1.421 |
|  |  |  |  |  |  |  |  |  |  |  |  |

ANN

9.727

3.

Chart, histogram

Description automatically generated

4.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1.9864 | 1.6528 | 1.7 | 0.79 | 0.32 | 0.14 | 0.05 | 0.29 | 0.34 | 0.77 | 1.16 | 1.35 | 4.065 |
| JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |

5.

Chart

Description automatically generated

6.

|  |  |
| --- | --- |
| YEAR(S) | Jan & Feb |
| 1950 | 2.465 |
| 1951 | 1.05 |
| 1952 | 2.42 |
| 1953 | 0.58 |
| 1954 | 1.895 |
| 1955 | 2.075 |
| 1956 | 0.935 |
| 1957 | 2.65 |
| 1958 | 1.885 |
| 1959 | 1.92 |
| 1960 | 2.22 |
| 1961 | 0.635 |
| 1962 | 2.895 |
| 1963 | 0.665 |
| 1964 | 0.835 |
| 1965 | 0.46 |
| 1966 | 1.075 |
| 1967 | 1.1 |
| 1968 | 0.285 |
| 1969 | 4.56 |
| 1970 | 1.72 |
| 1971 | 0.785 |
| 1972 | 0.085 |
| 1973 | 1.655 |
| 1974 | 1.5 |
| 1975 | 0.725 |
| 1976 | 2.7 |
| 1977 | 1.21 |
| 1978 | 4.295 |
| 1979 | 3.335 |
| 1980 | 5.025 |
| 1981 | 1.87 |
| 1982 | 1.795 |
| 1983 | 2.99 |
| 1984 | 0.275 |
| 1985 | 0.645 |
| 1986 | 1.67 |
| 1987 | 1.605 |
| 1988 | 1.13 |
| 1989 | 0.56 |
| 1990 | 1.825 |
| 1991 | 1.76 |
| 1992 | 2.575 |
| 1993 | 6.91 |
| 1994 | 1.725 |
| 1995 | 4.995 |
| 1996 | 1.2 |
| 1997 | 1.665 |
| 1998 | 5.165 |
| 1999 | 1.12 |
| 2000 | 1.92 |
| 2001 | 2.83 |
| 2002 | 0.245 |
| 2003 | 2.45 |
| 2004 | 1.575 |
| 2005 | 5.16 |
| 2006 | 0.735 |
| 2007 | 0.815 |
| 2008 | 2.275 |
| 2009 | 1.355 |
| 2010 | 2.83 |
| 2011 | 1.2 |
| 2012 | 0.795 |
|  |  |
|  |  |
|  |  |

7. Mean: 1.92547619 inches

STD: 1.40822976 inches

8.

|  |  |
| --- | --- |
| Year | Jul & Aug |
| 1950 | 0.04 |
| 1951 | 0.425 |
| 1952 | 0 |
| 1953 | 0 |
| 1954 | 0 |
| 1955 | 0.055 |
| 1956 | 0 |
| 1957 | 0 |
| 1958 | 0 |
| 1959 | 0 |
| 1960 | 0 |
| 1961 | 0.02 |
| 1962 | 0 |
| 1963 | 0 |
| 1964 | 0 |
| 1965 | 0.01 |
| 1966 | 0 |
| 1967 | 0.075 |
| 1968 | 0.065 |
| 1969 | 0.005 |
| 1970 | 0 |
| 1971 | 0.015 |
| 1972 | 0.01 |
| 1973 | 0 |
| 1974 | 0.005 |
| 1975 | 0 |
| 1976 | 0.015 |
| 1977 | 1.065 |
| 1978 | 0 |
| 1979 | 0.05 |
| 1980 | 0 |
| 1981 | 0 |
| 1982 | 0 |
| 1983 | 0.2 |
| 1984 | 0.125 |
| 1985 | 0 |
| 1986 | 0.005 |
| 1987 | 0.02 |
| 1988 | 0 |
| 1989 | 0 |
| 1990 | 0.005 |
| 1991 | 0.125 |
| 1992 | 0.04 |
| 1993 | 0.015 |
| 1994 | 0.02 |
| 1995 | 0.025 |
| 1996 | 0.045 |
| 1997 | 0 |
| 1998 | 0.1 |
| 1999 | 0 |
| 2000 | 0.005 |
| 2001 | 0 |
| 2002 | 0 |
| 2003 | 0 |
| 2004 | 0 |
| 2005 | 0.005 |
| 2006 | 0.025 |
| 2007 | 0 |
| 2008 | 0 |
| 2009 | 0 |
| 2010 | 0.01 |
| 2011 | 0 |
| 2012 | 0 |

9. Mean: 0.041 inches

STD: 0.145 inches

10.

11.

In summer, the semi-permanent Pacific high blocks moist maritime winds and rain from the California coast, while the Bermuda high pushes moist air and humidity over the eastern states.