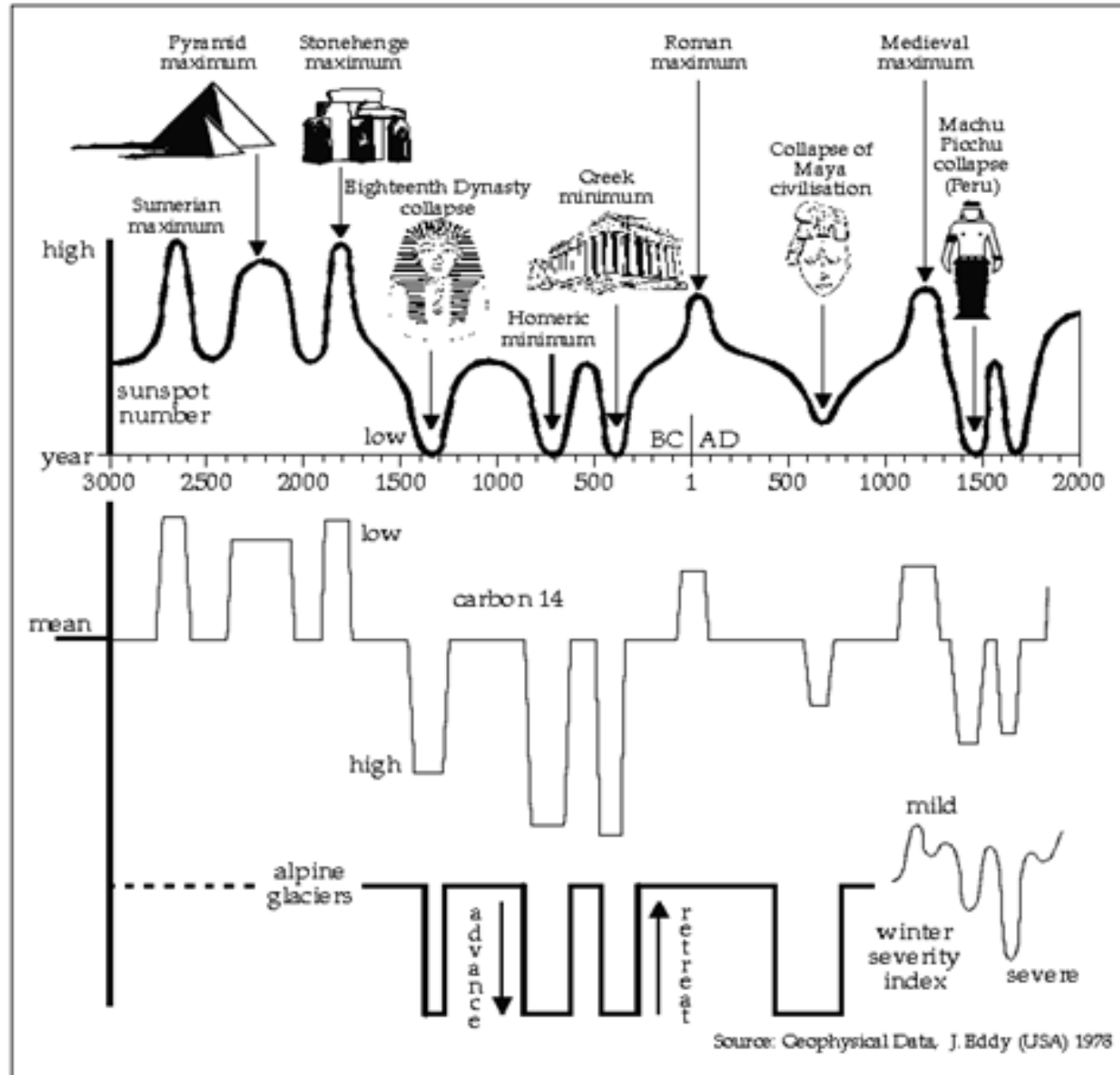
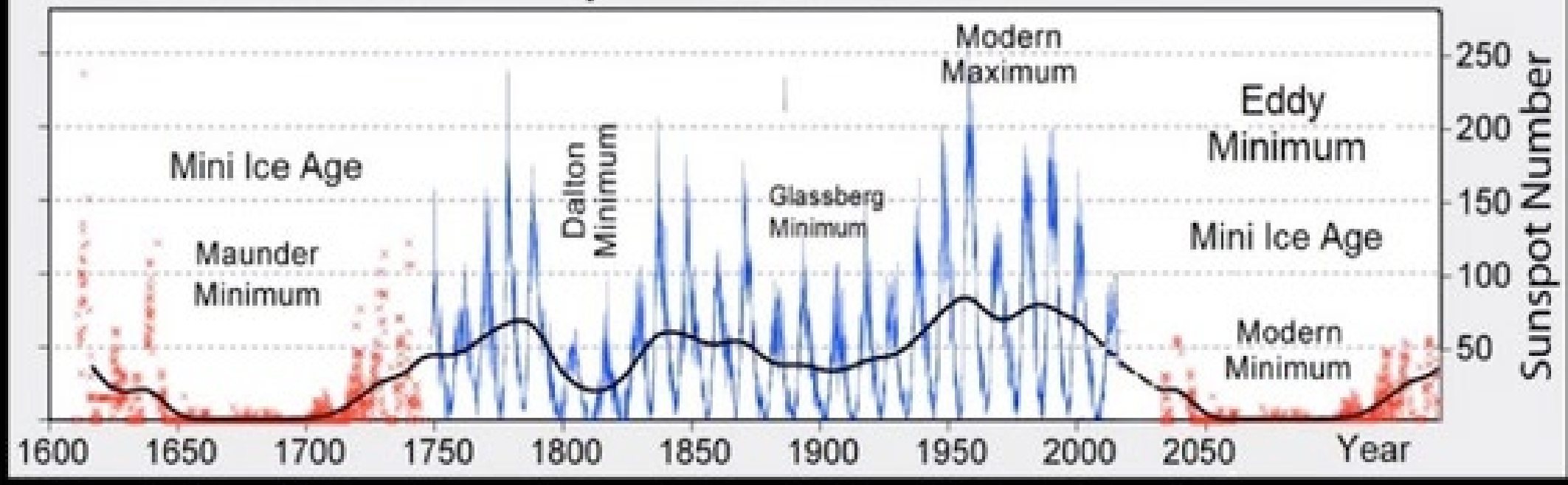


# Sunspots and the rise and fall of Civilisations



# 400 Years of Sunspot Observations



1871-1873 av 710mm      Average of first 23  
years 641.5mm and the high average indicates that  
there are additional factors to solar activity causing  
rainfall decline.

1875-1884 av 627mm

1885-1894 av 635.5mm (missing years of  
1890&91 taken from Mercury Office Sale record)

1895-1904 av 594mm

**Low solar activity- Glassberg Solar Minimum**

1905-1914 av 590mm

**Average of the two decades 592mm**

1915-1924 av 603mm

1925-1934 av 636mm

1935-1944 av 573mm

East Sale-

1945-1954 av 703mm

**Peak of the Modern Solar Maximum 703mm  
average for the decade**

1955-1964 av 613mm

1965-1974 av 619mm

1975-1984 av 570mm

1985-1994 av 637mm

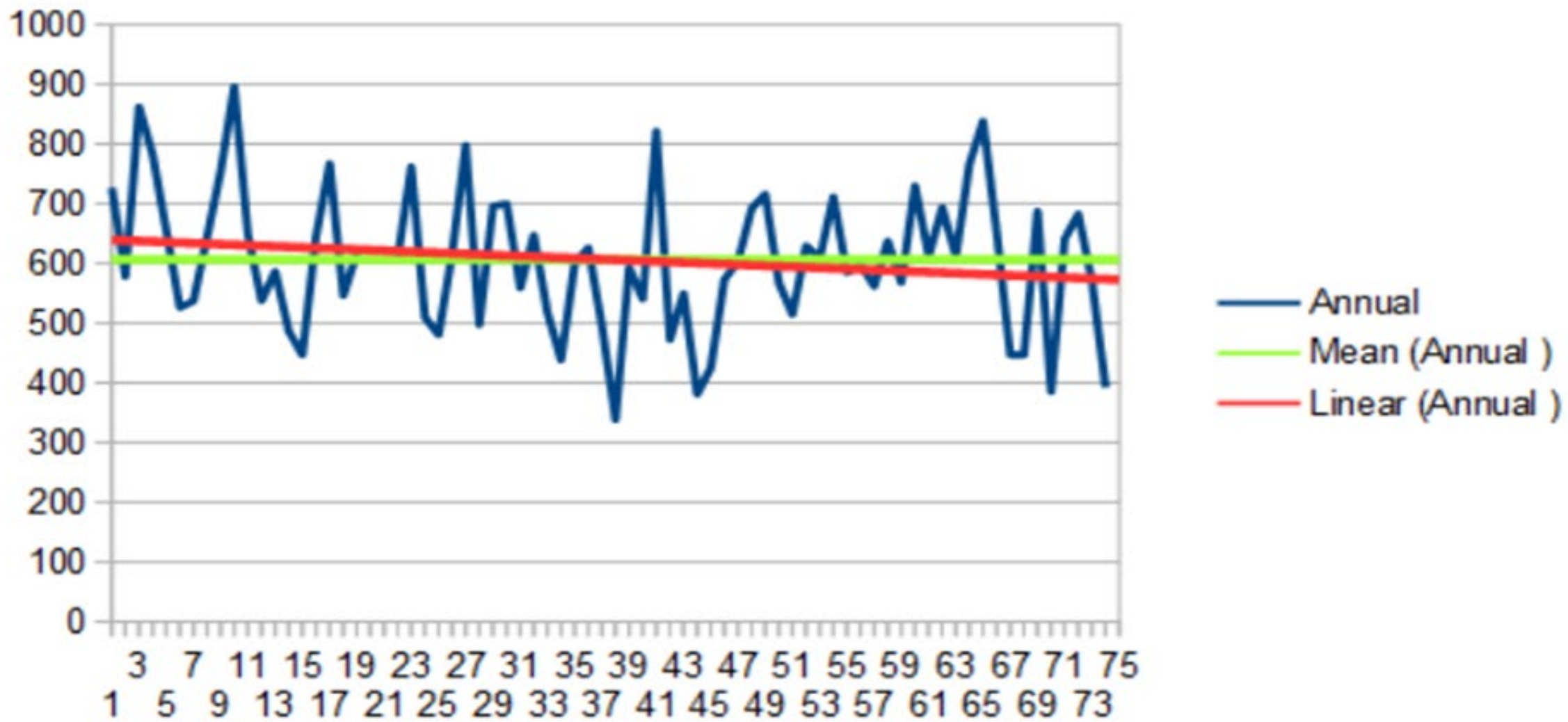
1995-2004 av 526mm

**Start of the Eddy Solar minimum**

2005-2014 av 527mm

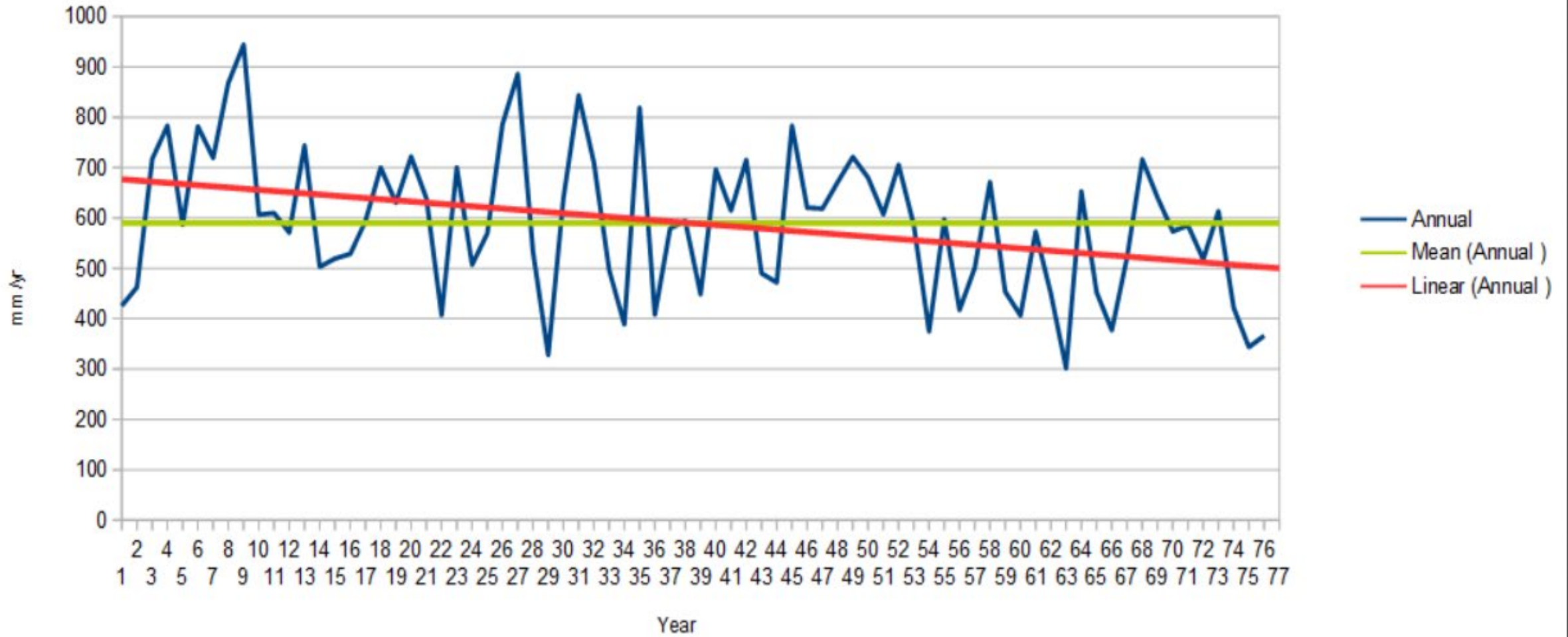
**Average of the last 26 years- 515 mm**

2015-2020 av 475mm

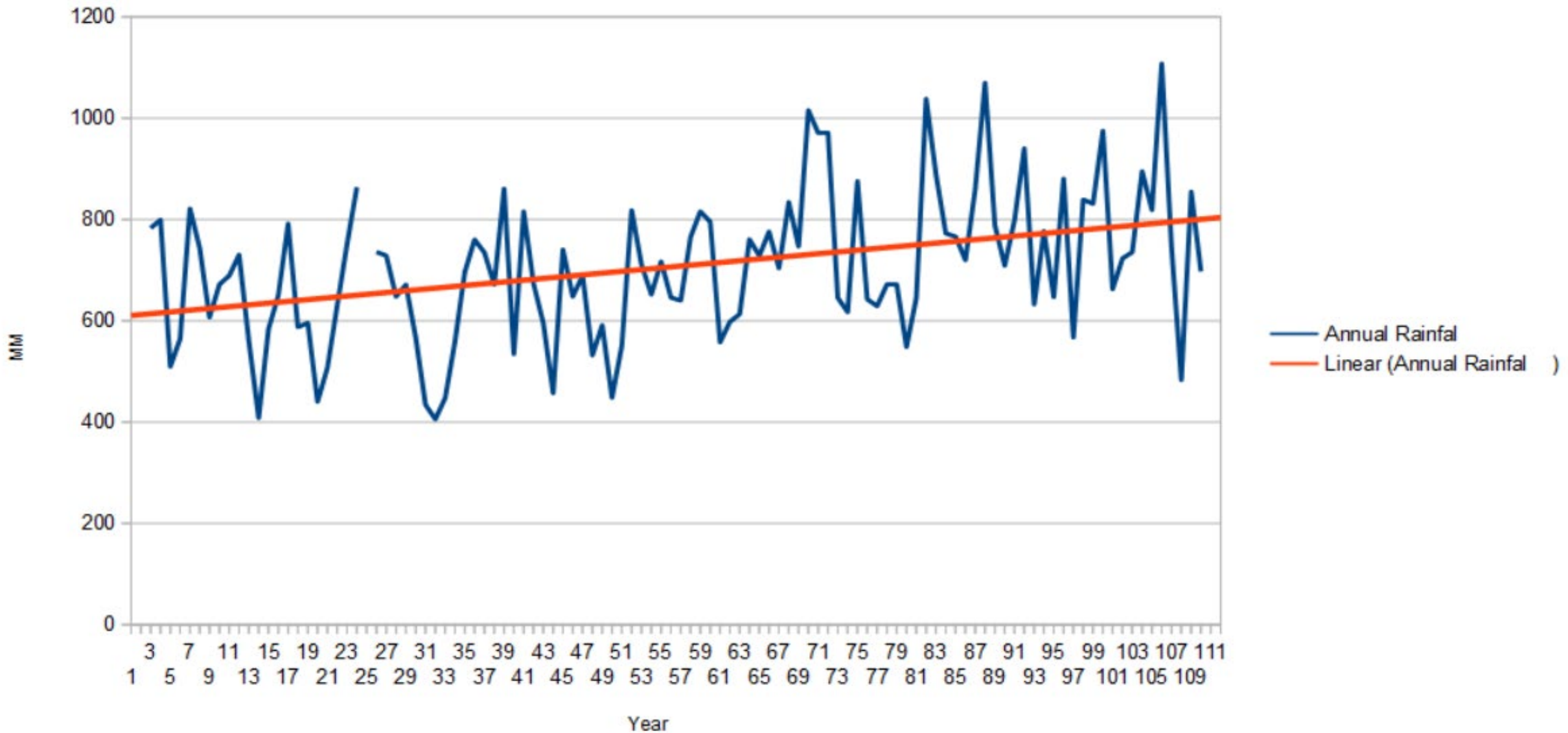


# Annual Rainfall East Sale 1944-2019

Source - [http://www.bom.gov.au/jsp/ncc/cdio/weatherData/av?p\\_nccObsCode=139&p\\_display\\_type=dataFile&p\\_stn\\_num=085072](http://www.bom.gov.au/jsp/ncc/cdio/weatherData/av?p_nccObsCode=139&p_display_type=dataFile&p_stn_num=085072)



Port Albert annual rainfall and trend (1860-1976)





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*J. Woolstencroft, Photo, Noojee.* Timber at Mt. Horsfall, over 300 ft. high.





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