

In this data repository you will find annual mean values of SSR (solar irradiation at the surface), SD (sunshine duration), DTR (diurnal temperature range), CCF (cloud cover fraction or the sky fraction covered by clouds) maximum and minimum air temperature from 1961 to 2016. For annual mean values, the file name is SaoPaulo_city_climatology_ssr_sd_dtr_ccf_tmax_tmin_annual_mean.txt. Seasonal mean values data for each year are also available (SaoPaulo_city_climatology_ssr_sd_dtr_ccf_tmax_tmin_djf.txt, SaoPaulo_city_climatology_ssr_sd_dtr_ccf_tmax_tmin_mam.txt, SaoPaulo_city_climatology_ssr_sd_dtr_ccf_tmax_tmin_jja.txt and SaoPaulo_city_climatology_ssr_sd_dtr_ccf_tmax_tmin_son.txt).

Mean values of visibility and the number of foggy days for the months of July, August, September and October for each analyzed year can be found in the file SaoPaulo_city_climatology_visibility_foggy_days_JASO.txt.

Daily values of irradiation data measured with two different actinographs in 2014 used to verify the calibration of the operational instrument can be found in the file actinograph_comparison_data.txt

If you are interested in raw data from the meteorological station operated by the Instituto de Astronomia, Geofísica e Ciências Atmosféricas from the Universidade de São Paulo (IAG/USP), please use the link to reach the form where you can request the data: http://www.estacao.iag.usp.br/sol_dados.php.