

April 2016 Global Temperature Update

The 12-month running mean temperature is now +0.99C relative to 1951-1980 or +1.25C relative to 1880-1920. This extreme warmth is in part associated with the presently-fading El Nino, which amplifies Arctic warming in addition to its local effect in the tropical Pacific. The present warmth makes clear that there was no global warming hiatus and the long-term trend, illustrated by the 132 month (11 year) running mean, continues to be approximately linear. We expect the global temperature to decline substantially as the tropical Pacific moves into the next La Nina, but the long-term trend makes it clear that we can now describe the mean global warming since 1880-1920 as about +1C.

Mean Surface Temperature Anomaly (°C): 1951-1980 Base

