

**Data format description for the upper mantle temperature data (tempXXX.dat)**

Position	Code	Description
1-7	f3.3	Geographic longitude in degrees
10-15	f2.3	Geographic latitude in degrees
18-23	f3.1	Temperature, degrees Celsius

**Data format description for the upper mantle depletion rate data (olivine%XXX.dat)**

Position	Code	Description
1-5	f3.1	Geographic longitude in degrees
8-11	f2.1	Geographic latitude in degrees
14-20	f2.4	Olivine percentage in mantle, %