

Comparison of the soil temperature profiles based on Western-Siberian station network measurements and the data of the NCEP/NCAR reanalysis for the period 1963-2007

Zolotov S.Yu., Ippolitov I.I., Loginov S.V.,
Luchitskaya I.O., Belaya N.I.

Institute of Monitoring of Climatic and Ecological Systems (Tomsk)
Siberian regional research hydrometeorological institute
(Novosibirsk)

The statistics for the Tomsk station

	Mean of the reanal. data (0-10 cm), °C	Mean of the measur. data (0-10 cm), °C	Corr. coeff. (0-10 cm)	Mean of the reanal. data (10-200 cm), °C	Mean of the measur. data (10-200 cm), °C	Corr. coeff. (10-200 cm)
January	-9.41	-17.54	0.95	-5.86	1.3	0.26
February	-9.45	-13.57	0.94	-6.57	0.8	0.5
March	-6.79	-4.1	0.85	-5.63	0.63	0.4
April	-0.27	4.06	0.54	-2.8	0.78	0.67
May	9.35	19.88	0.81	2.03	4.18	0.65
June	17.07	29.37	0.71	6.75	9.85	0.48
July	20.23	32.56	0.77	10.37	13.6	0.3
August	17.64	26.85	0.81	11.55	14.18	0.25
September	11.37	17.13	0.78	9.8	11.66	0.54
October	2.09	3.97	0.81	5.85	7.32	0.57
November	-3.9	-7.48	0.95	0.31	3.7	0.46
December	-7.66	-15.53	0.93	-3.91	2.14	0.12

The result correction of the data of the reanalysis

