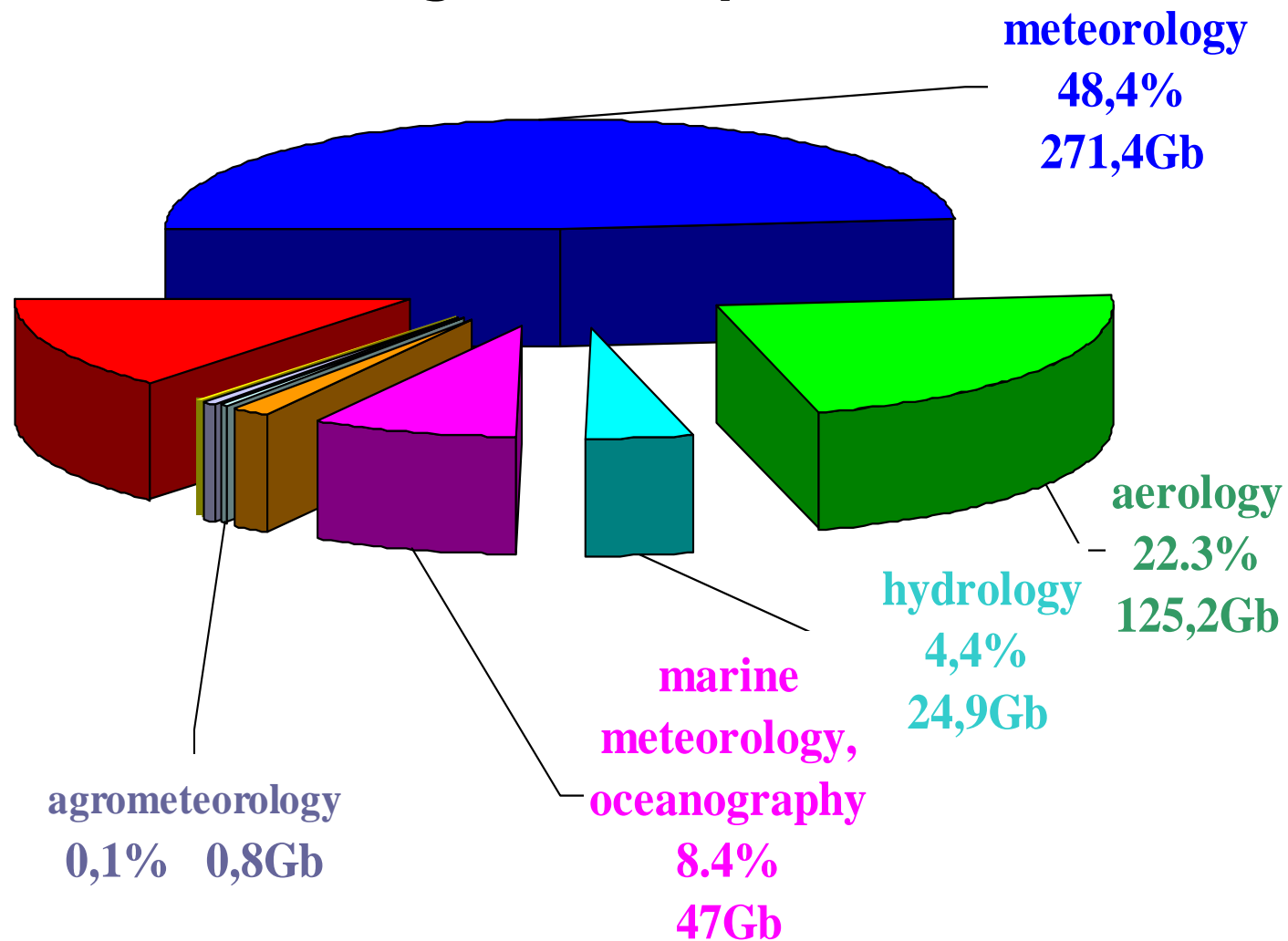# NEESPI Science and Education Support Centers

Brief information

All-Russian Research Institute of Hydrometeorological Information - World Data Center (RIHMI-WDC)
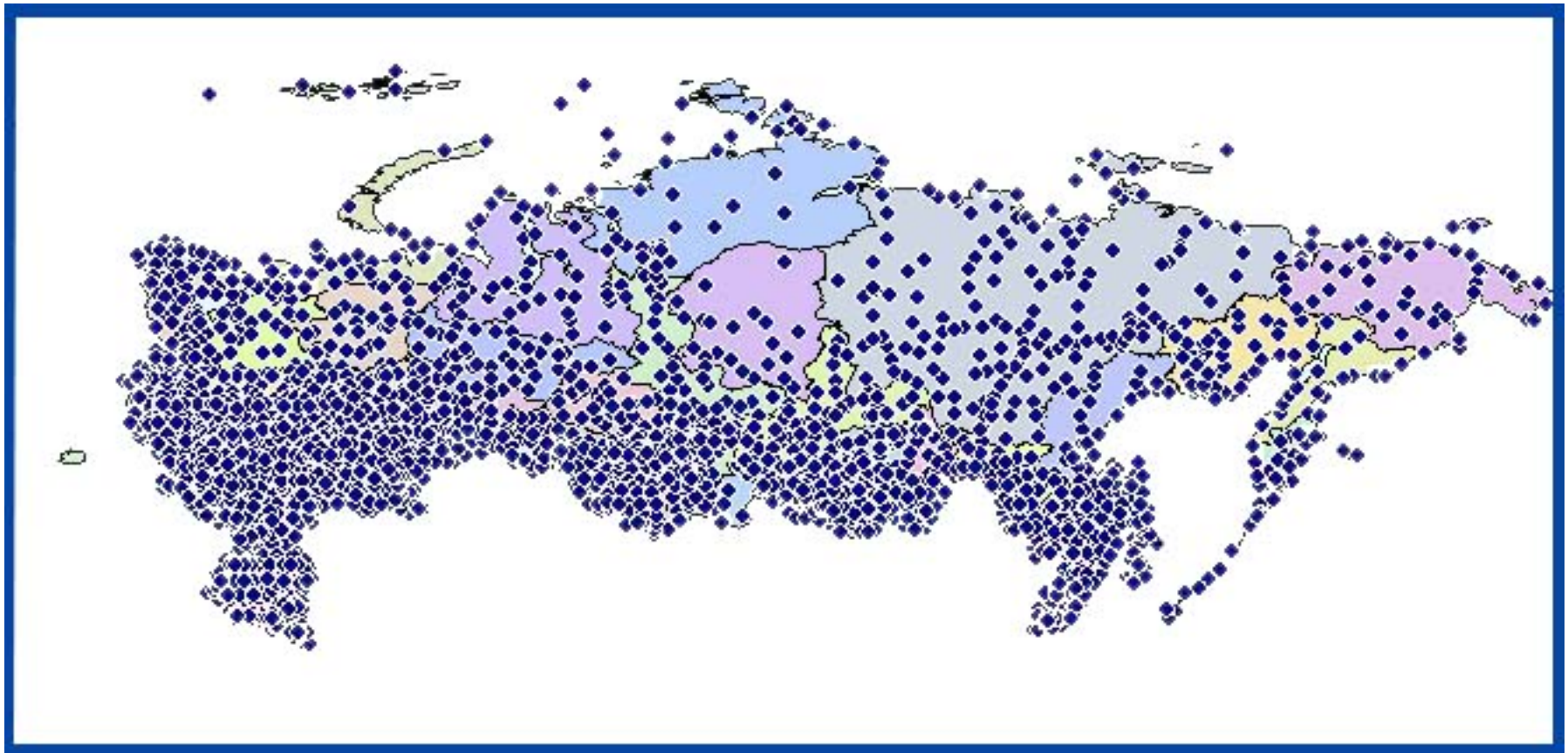**6, Korolyov Str., Obninsk, Kaluga Reg. 249035 Russia**

Data Fund on Magnetic Tapes

meteorology
48,4%
271,4Gb

aerology
22.3%
125,2Gb

hydrology
4,4%
24,9Gb

marine
meteorology,
oceanography
8.4%
47Gb

agrometeorology
0,1%   0,8Gb

Meteorological stations in Russia

Meteorological observations in Russia

Years	Times\day	Format
1891 - 1935	Three (7, 13, 21 Local Time)	A
1936 - 1965	Four (1, 7, 13, 19 LT)	B
1966 - 1976	Eight (3, 6, 9… Moscow Time)	C
1977 - 1984	Eight (3, 6, 9… Moscow Time)	D
1985 - now	Eight (3, 6, 9… Moscow Time)	E

Пропуски в срочных данных для метеостанций России в массивах Госфонда на технических носителях (1875- 2003)

Процент отсутствия сроков

Средний процент для характерных периодов

INTAS-project (2002-2005)
Snow Cover Changes Over Northern Eurasia during the last century:
circulation consideration and hydrological consequences (SCCONE)

INTAS teams:
- Finnish Meteorological Institute (FMI), Helsinki, Finland (overall co-ordination)
- Norwegian Meteorological Institute (DNMI), Oslo, Norway
- Global Precipitation Climatology Centre (GPCC), Offenbach, Germany
-Max Planck Institute for Meteorology (MPI), Hamburg, Germany

NIS-Teams:
- Institute of Geography, Russian Academy of Sciences (IGRAS), Moscow, Russia
- All-Russia Research Institute of Hydrometeorological Information, (RIHMI), Obninsk, Russia
- Arctic and Antarctic Research Institute (AARI), St. Petersburg, Russia
- Institute of Geography, Kazakhstan Academy of Sciences (IGKAS), Almaty, Kazakhstan

Russia

Record format of the "SNOW_DEPTH_DATA"
for 223 meteorological stations

Each record in data set contains of 7 fields as below:
· Index WMO
· Year
· Month
· Day
· Snow depth data (cm)
· Snow covering data (points)
· Flag for snow depth data (see table 1)

Table 1

Situation	Flag
Value of snow depth is correct	0
Continuous snow melting at warm period of year	1
Temporary snow melting	2
Snow cover absent at site, however there is snow in the vicinity and a state is specified	3
Snow cover is less than 0.5 cm	4
Observations were not made or value is rejected	9

Russia

"SNOW CHARACTERISTICS MEASURED ON FIXED PATHS"

This data set contains data of observations of snow cover on fixed paths on the FSU meteorological stations (1319). The data set contains data for 1966 - 2000.

Field No	Contents
1	WMO station index
2	Year
3	Month
4	Path type: 1 - field environment; 2 - forest environment; 3 – ravine (canions)
5	Day of path observations
6	Snow cover depth average (sm)
7	Snow density (g/sm^3)
8	Water equivalent of snow cover (mm)
9	General water amount (mm)
10	Flag for snow cover depth and snow density