

METERING SYSTEM WITH AUTOMATIC TRANSMISSION OF METEOROLOGIC PARAMETERS

KPODR MINIKOWO – PROJECT ANALYSIS

METEOROLOGICAL MEASUREMENT SYSTEM WITH AN AUTOMATIC TRANSFER OF METEOROLOGICAL PARAMETERS

19 field meteorological stations

Monitoring system of meteorological parameters is used for a collecting meteo data and visualizing such parameters as:

- Air temperature and air humidity,
- Precipitation,
- Wind velocity,
- Leaf wetness
- Precipitation

It is an autonomic system, working regardless of current weather conditions. Data from this monitoring system are transferred to the database system through the GSM/GPRS network.



Customer:
Kujawsko-Pomorski Agricultural Consulting
Center in Minikowo



Location:
Kujawsko-pomorskie voivodeiship



Design:
Meteorological measurement system with
an automatic transfer of meteorological
parameters



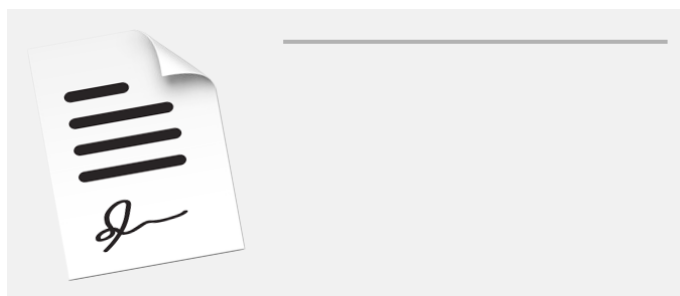
Equipment:
19 data loggers e-MeteoLOG
19 precipitation sensors RG1
19 wind velocity sensors 40H
19 electronic thermohygrometers THP100
19 rain gauges RG1
3 Wet Leaf sensors

WORKS

- Construction of meteorological monitoring system in chosen farms.
- Providing client with a database www application for logging, archiving and presentation of data
- Possibility of easy system extension of a next sensors or stations

SUMMARY

- Construction of an autonomic meteorological stations
- Data transmission every hour
- Creation of a special online platform and recalculating data for decision support systems



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