

Commencement of Air Dose Rate Monitoring and Soil Survey for Creating Maps of Distributions of Radiation Doses, etc.

June 3, 2011

Ministry of Education, Culture, Sports, Science and Technology

1. Air Dose Rate Monitoring and Soil Survey for Creating Maps of Distributions of Radiation Doses, etc.

Based on the Plan to Strengthen Environmental Monitoring (Nuclear Emergency Response Headquarters, on April 22, 2011) and the Policies for Emergency Responses for Those Affected by the Nuclear Incident (Nuclear Emergency Response Headquarters, on May 17, 2011), the Ministry of Education, Culture, Sports, Science and Technology decided to create maps of distributions of radiation doses, etc. for the purpose of utilizing them as a reference materials for ascertaining the distribution of the radioactive substances, and for assessing the radiation dose and the deposition of radioactive substances in the concerned areas.

For the preparation of the maps, MEXT established the Panel on Creation of Maps of Distributions of Radiation Doses, etc. (hereinafter referred to as the “the Panel”), consisting of experts and related parties, and the Panel has discussed methods to create the maps.

The Panel has reached an agreement on the unified survey method. The air dose rate monitoring and the soil survey will be commenced soon after carrying out on-site drills for participants on June 4 and 5.

2. Outline of the monitoring and the survey

○ Period:

From June 6 to the day on which the monitoring and the survey are completed for all concerned areas

*The commencement date may be changed due to weather conditions, etc.

○ Target areas:

(i) Air Dose Rate Monitoring: The entire area of Fukushima prefecture and its neighboring areas

*Conduct vehicle-borne monitoring survey (see Appendix1) and also air dose rates monitoring at spots to conduct the soil survey

(ii) Soil Survey: Start from region where discussion with the community finishes.

*2×2 km grid survey for areas within 80 km and 10×10 km grid survey for areas beyond 80 km from range of the Tokyo Electric Power Company Fukushima-Daiichi Nuclear Power Station (see attached document 2)

*At each survey spot, soil samples shall be collected from five different locations.

○ Participating organizations:

(i) Collection of Soil Samples and Air Dose Rate Monitoring: 35 organizations nationwide (universities and inter-university research institutes (31), independent administrative institutions (3), and incorporated foundation (1))

(ii) Nuclide Analysis: 19 organizations nationwide (universities and inter-university research institutes (17), independent administrative institution (1), and incorporated foundation (1))

○ Items surveyed:

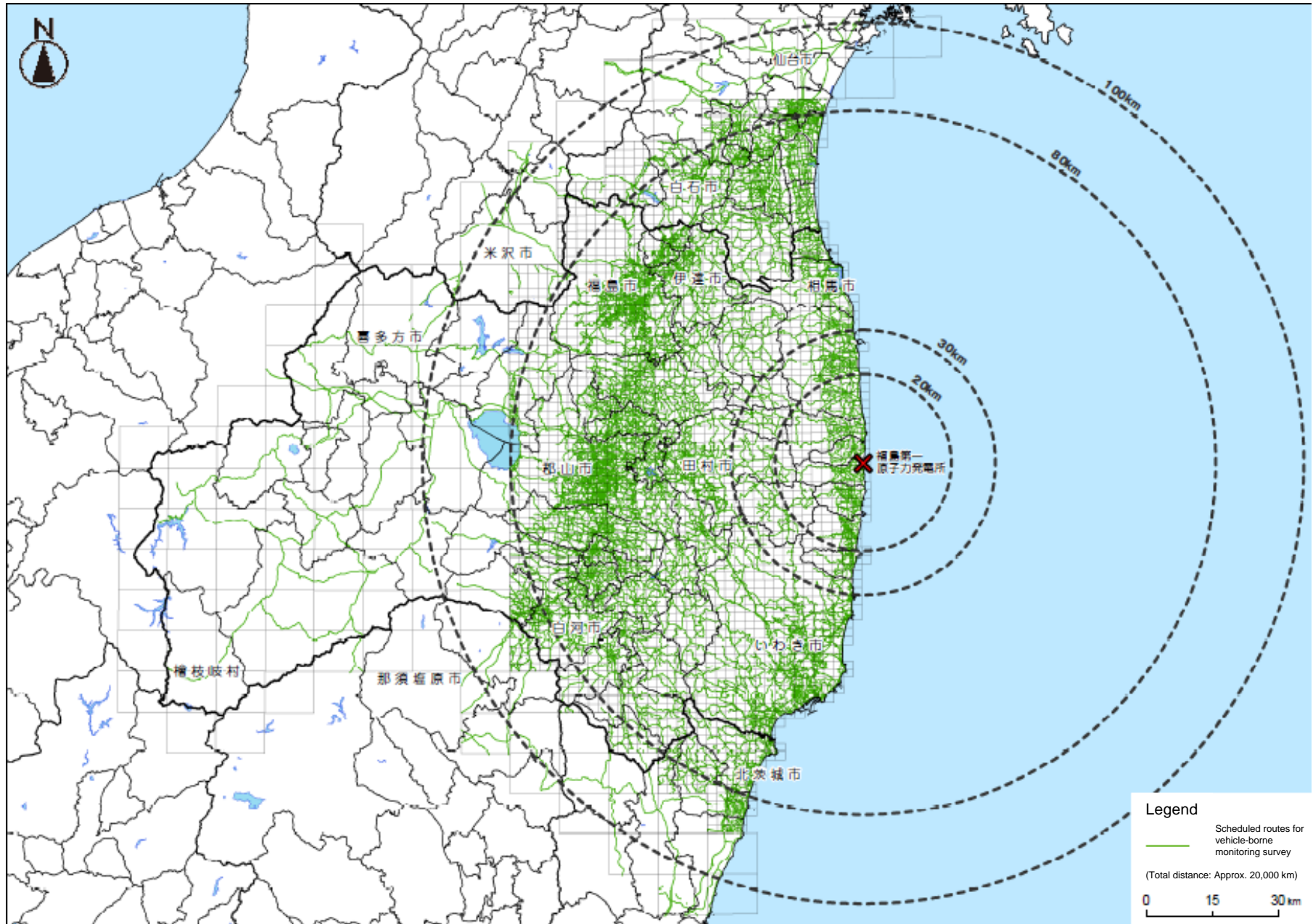
Air dose rates 1m above the ground surface and the deposition of radioactive substances in the ground surface

○ Method of release of the results:

The results shall be confirmed by the Panel and will be released by MEXT (Maps will be publicized in early August).

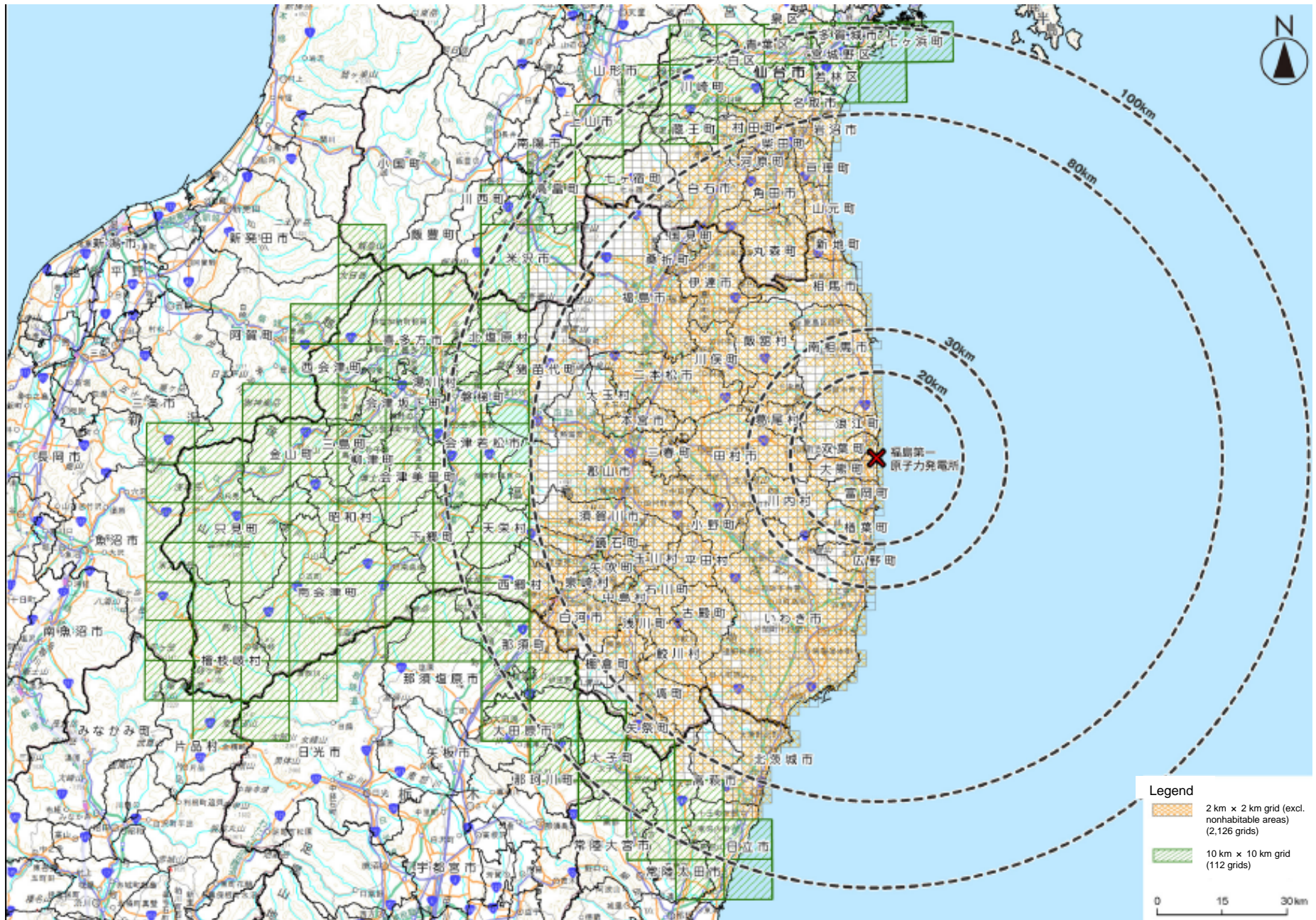
Air Dose Rate Monitoring Locations on a Dose Rate Map (Vehicle-borne Monitoring Survey)

Annex 1



*Monitoring routes and scope may change in accordance with adjustments with local communities in the future.

Soil Sampling Locations on a Dose Rate Map



*Monitoring scope and grid sizes may change in accordance with adjustments with local communities in the future.