



MEXT

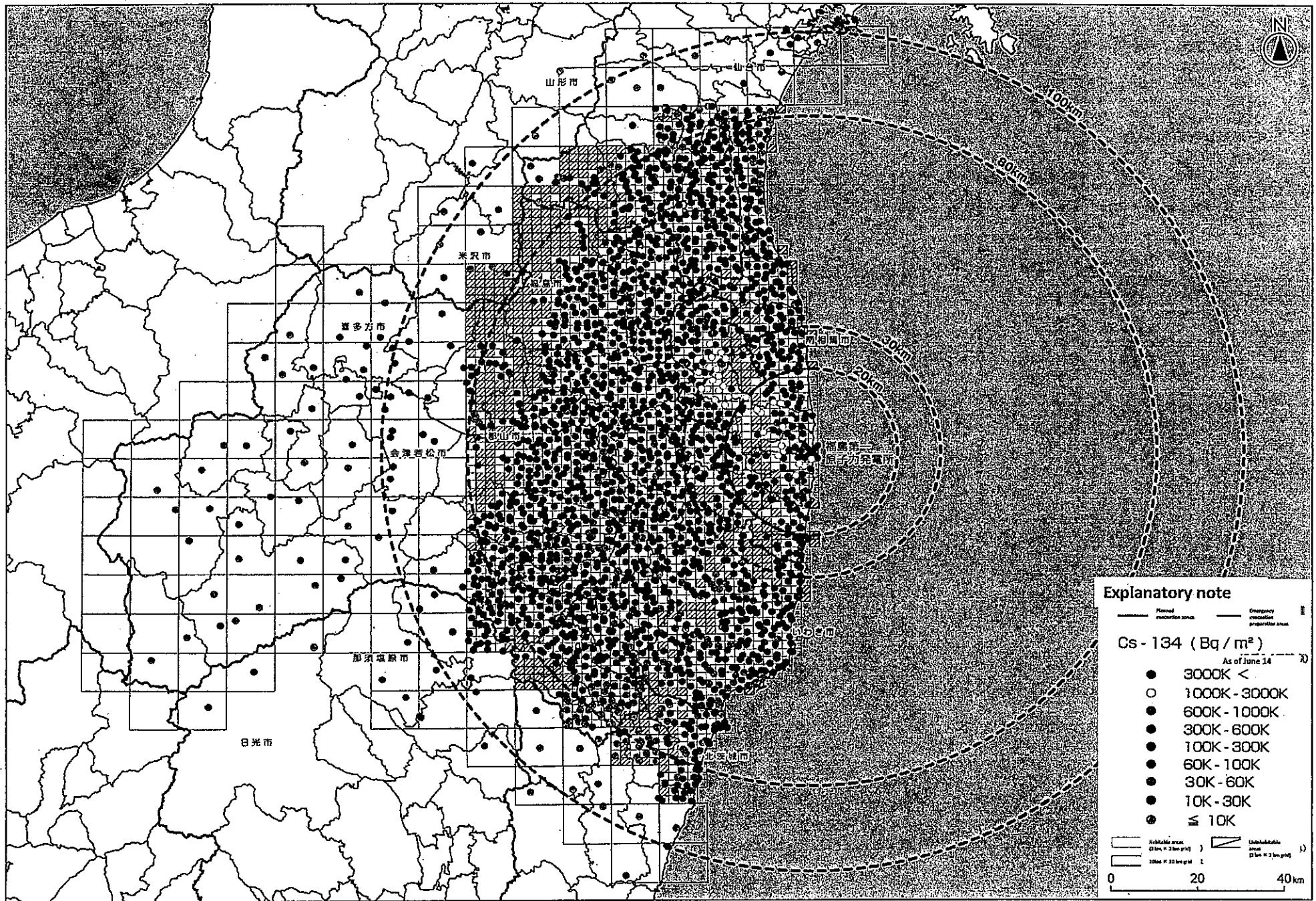
MINISTRY OF EDUCATION,
CULTURE, SPORTS,
SCIENCE AND TECHNOLOGY-JAPAN

Monitoring of environmental radioactivity

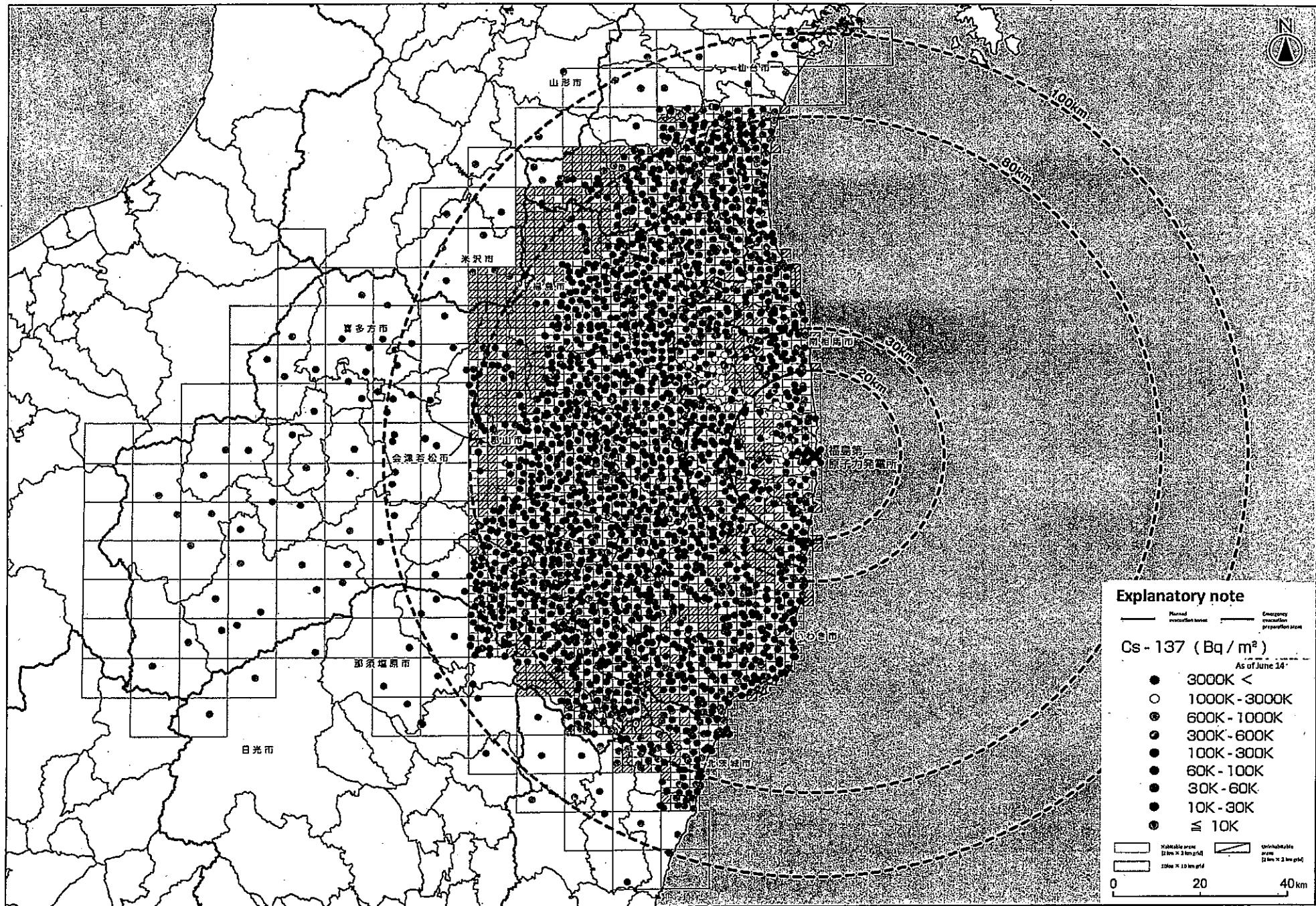
- Distribution map of radiation dose by MEXT (the radiation level of radioactive cesium in soil) ... P. 01
- Revisions of the results of the airborne monitoring based on the Distribution map of radiation dose by MEXT (the radiation level of radioactive cesium in soil) ... P. 03
- Airborne Monitoring by MEXT and Ibaraki Prefecture ... P. 09
- The result of the wide-area monitoring in the restricted areas and the planned evacuation areas ... P. 15
- Distribution map of radioactivity concentration in the Seawater around TEPCO Fukushima Dai-ichi NPP and coast of Ibaraki Prefecture ... P. 17
- Distribution map of radioactivity concentration in the Seawater around TEPCO Fukushima Dai-ichi NPP -Pu- ... P. 18
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September 7, 2011

Distribution Map of Cs-134

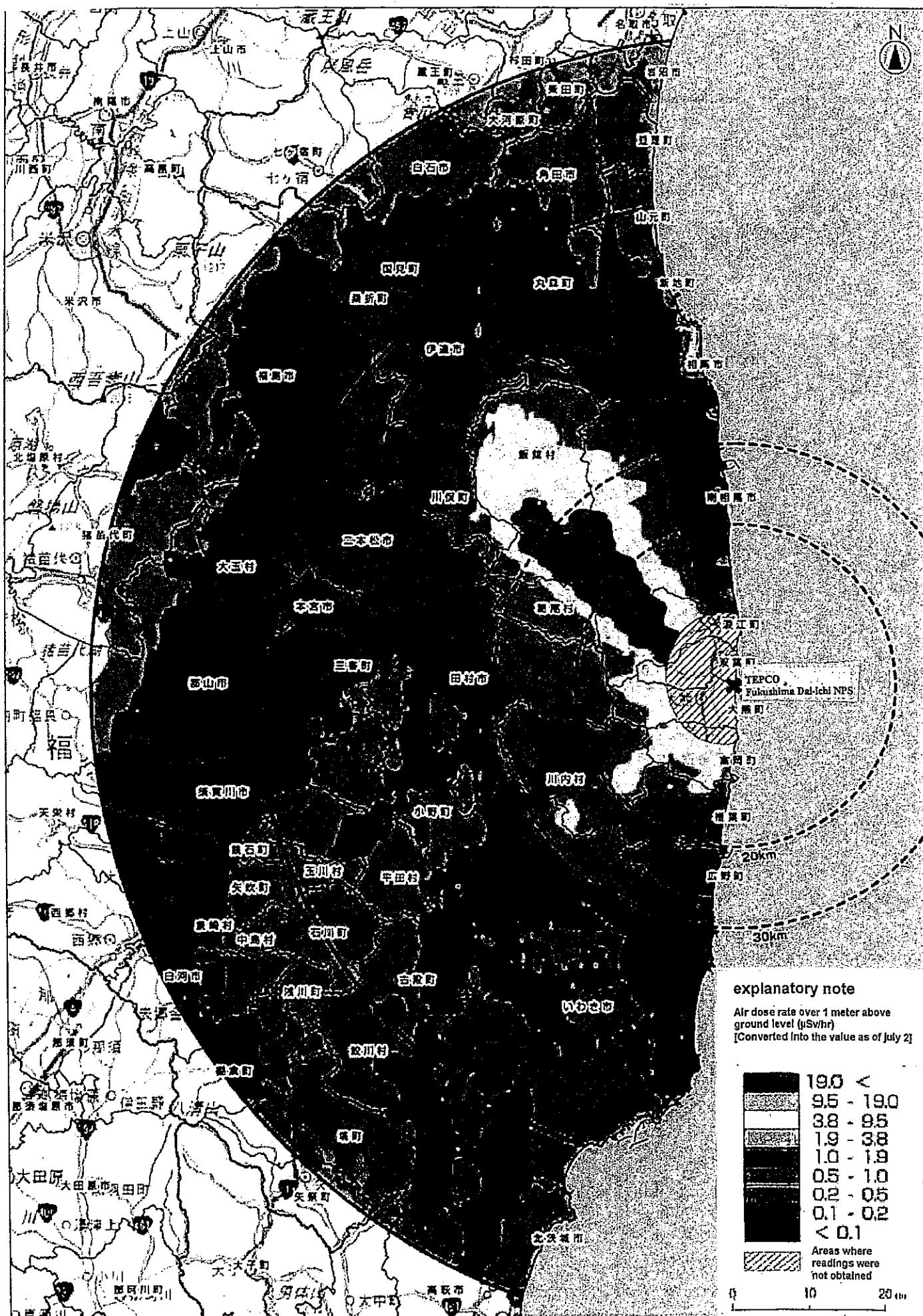


Distribution Map of Cs-137



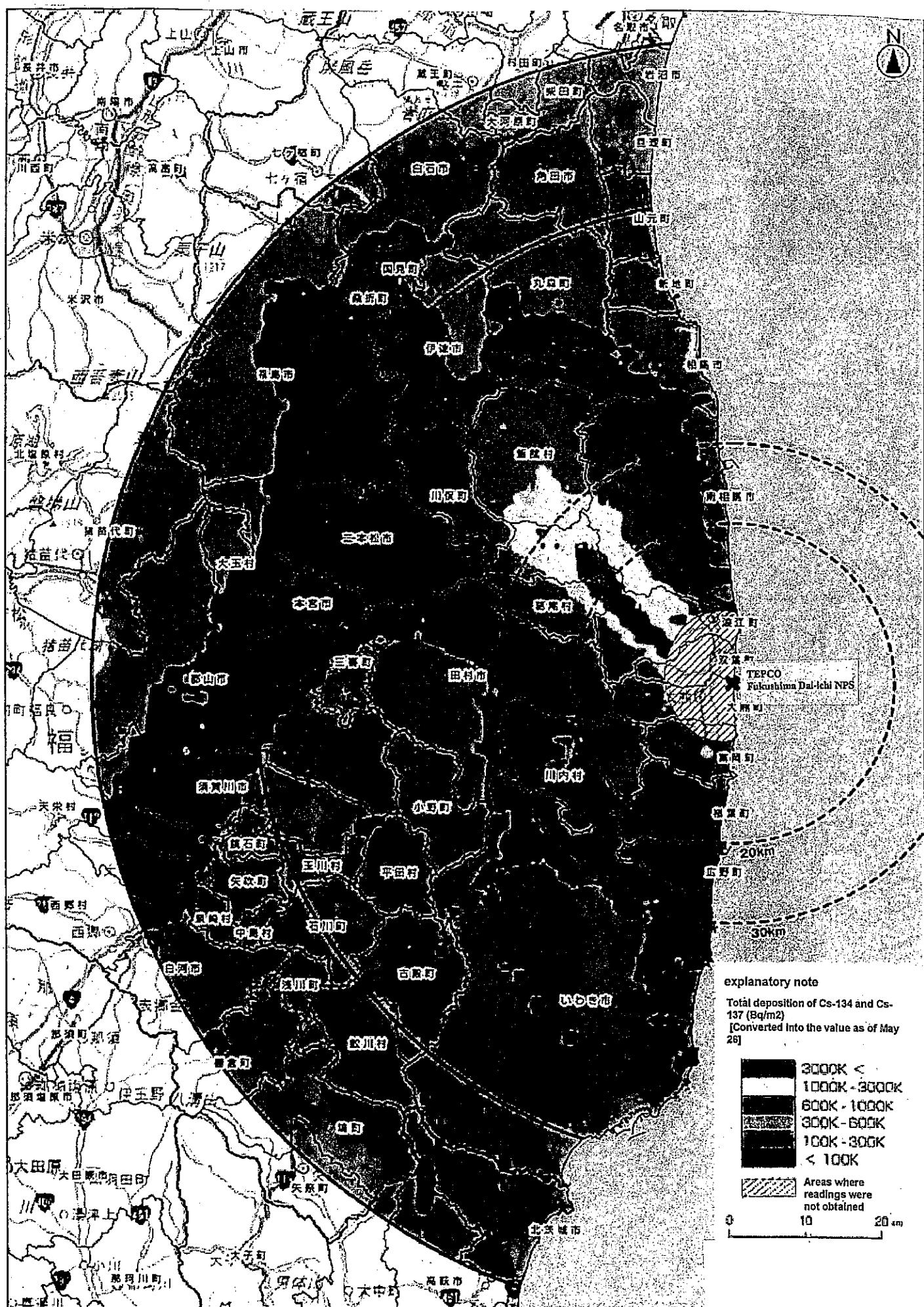
**Results of the third airborne monitoring by MEXT
(Readings of air dose monitoring inside 80km zone of TEPCO
Fukushima Dai-ichi NPS)**

Annex1-1



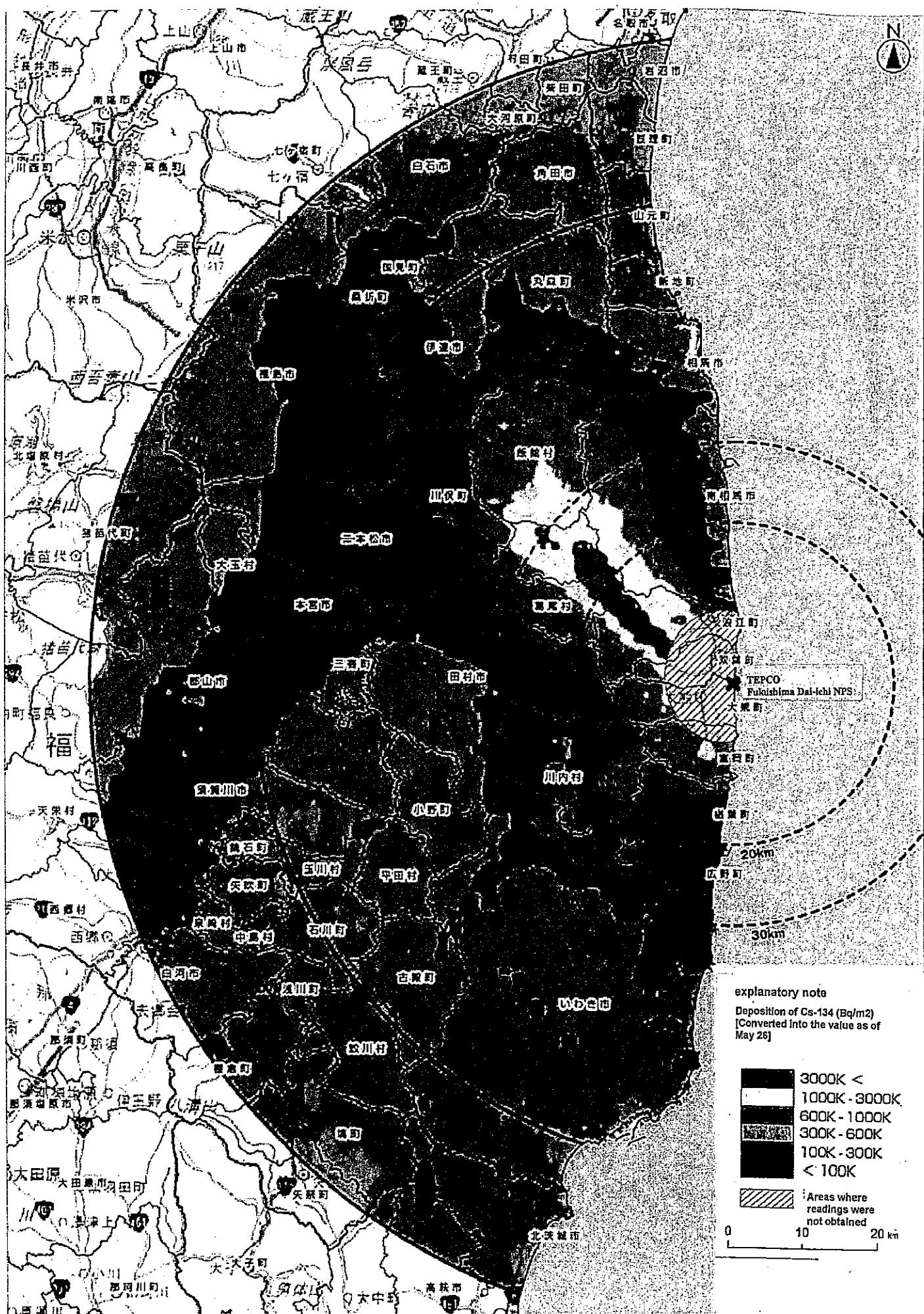
RESULTS OF THE UNIKA AIRBORNE MONITORING BY METI
(Total surface deposition of Cs-134 and Cs-137 inside 80 km
zone of TEPCO Fukushima Dai-ichi NPS)

Annex I-2



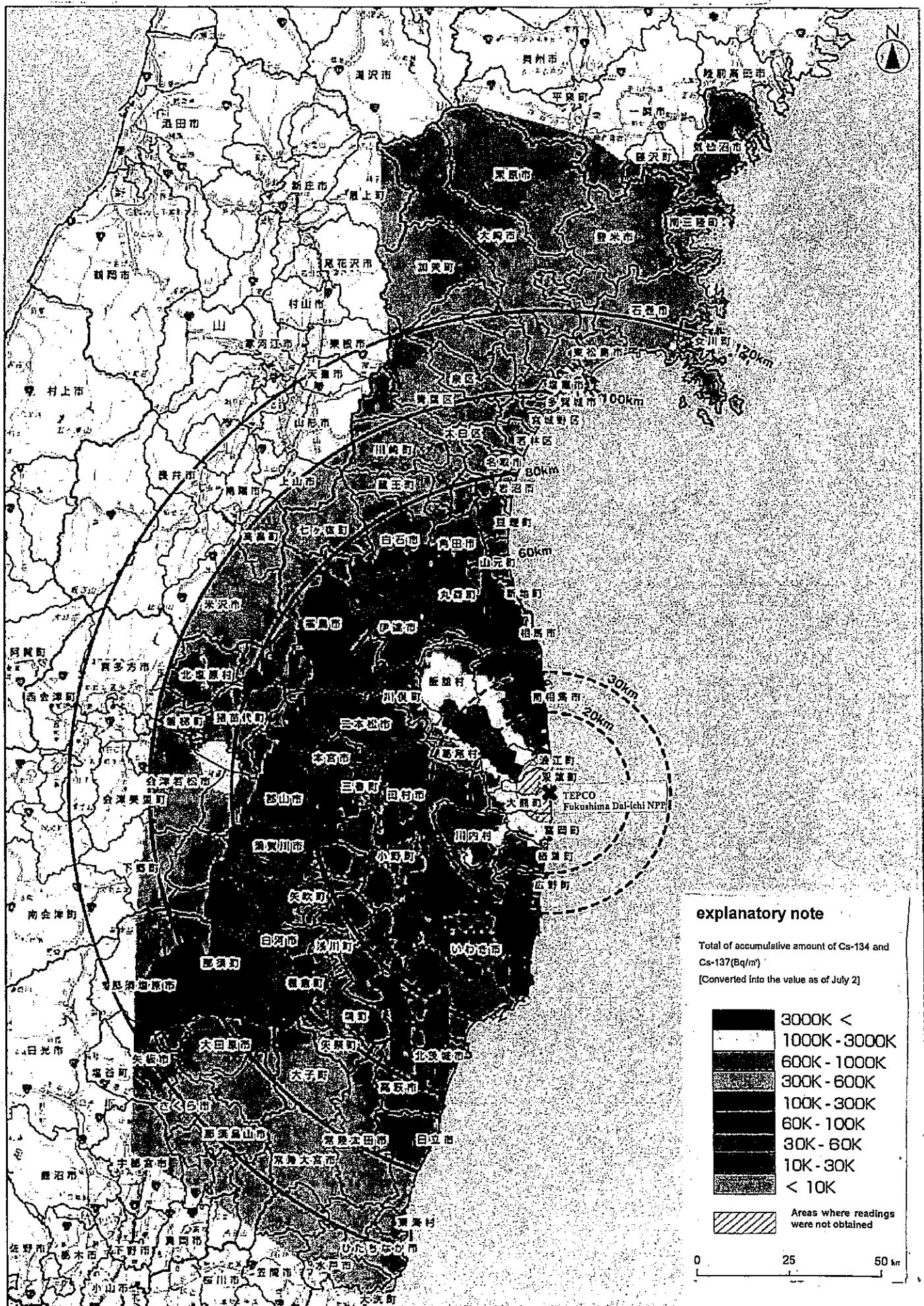
(Surface deposition of Cs-134 inside 80 km zone of TEPCO
Fukushima Dai-ichi NPS)

Annex I-3



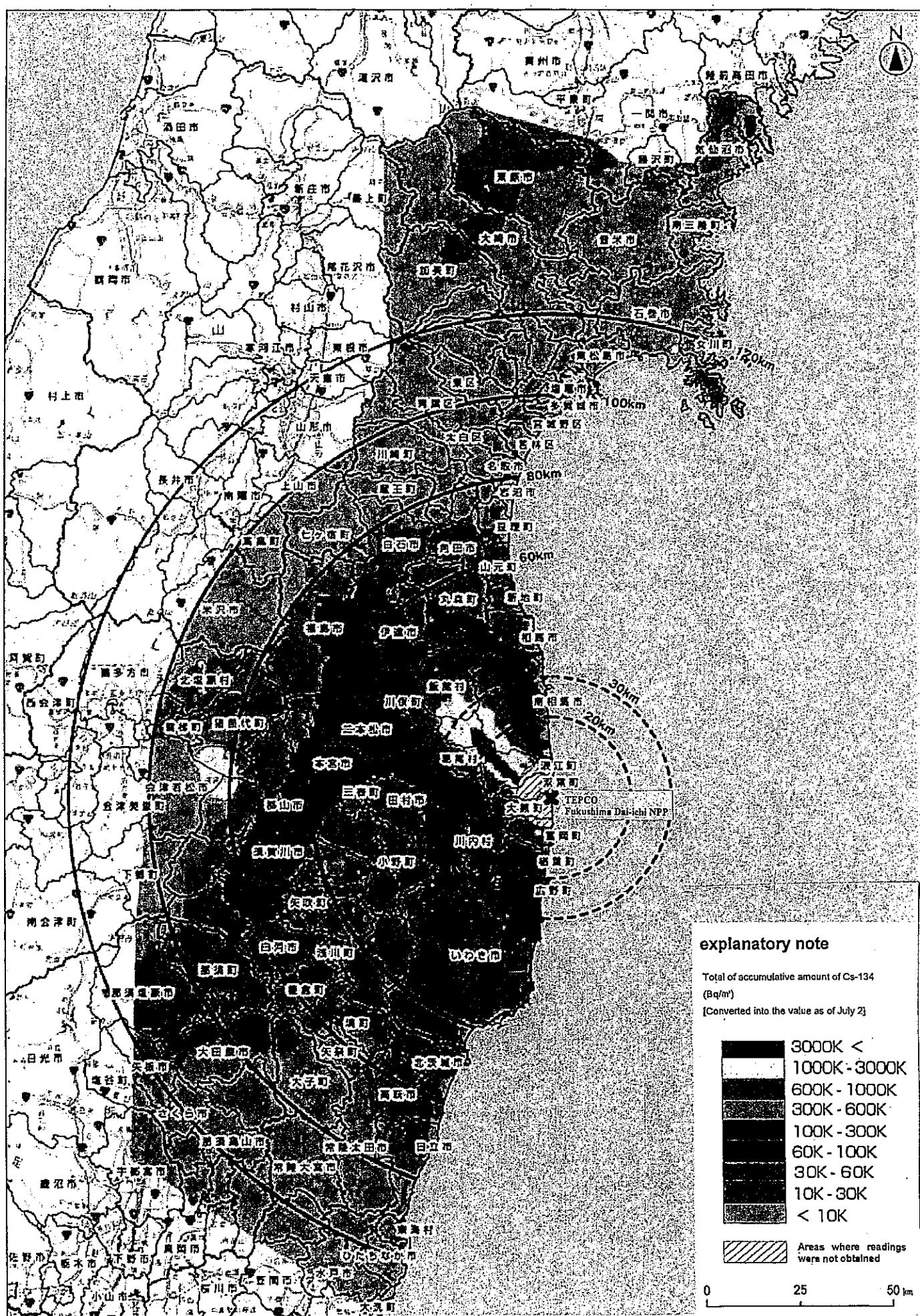
Results of aircraft monitoring by MEXT and Miyagi Prefecture
 (Total surface deposition of Cs-134 and Cs-137 inside 100, 120 km zone of TEPCO Fukushima Dai-ichi NPP and in northern Miyagi)

Annex 2-1



Results of aircraft monitoring by MEXT and Miyagi Prefecture
 (Total surface deposition of Cs-134 inside 100、120 km zone
 of TEPCO Fukushima Dai-ichi NPP and in northern Miyagi)

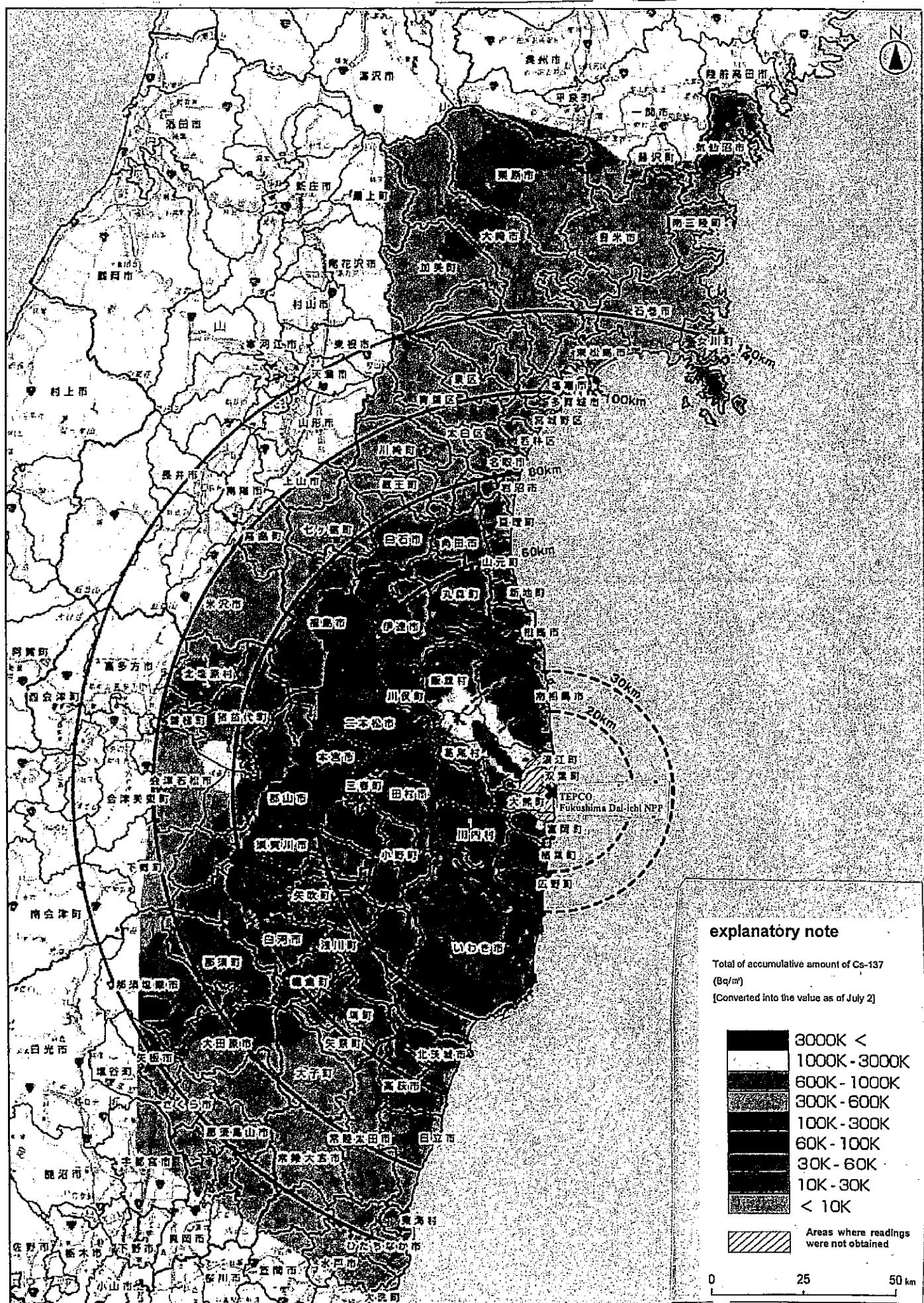
Annex 2-2



Results of aircraft monitoring by MEXT and Miyagi Prefecture

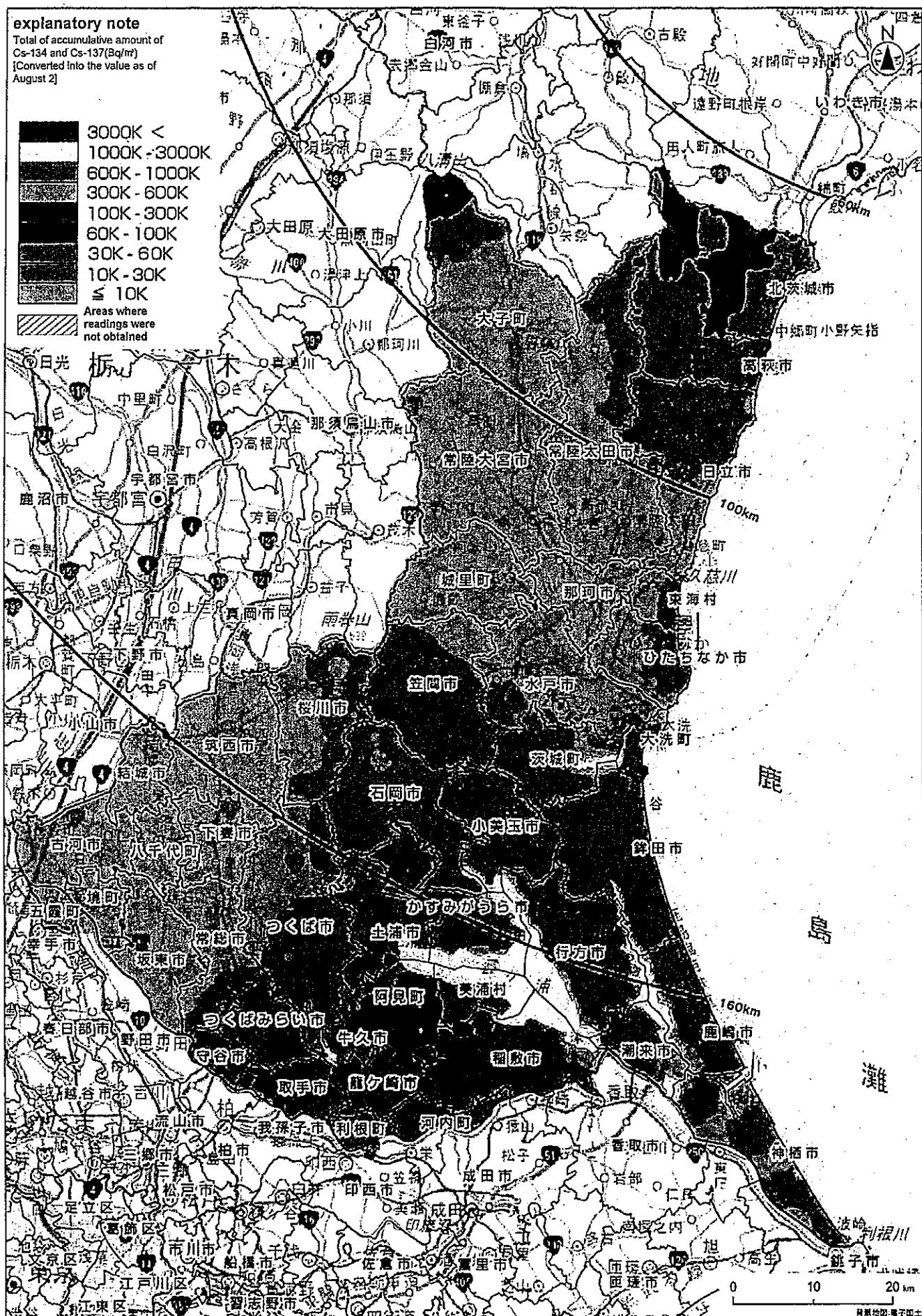
(Total surface deposition of Cs-137 inside 100 , 120 km zone of TEPCO Fukushima Dai-ichi NPP and in northern Miyagi)

Annex2-3



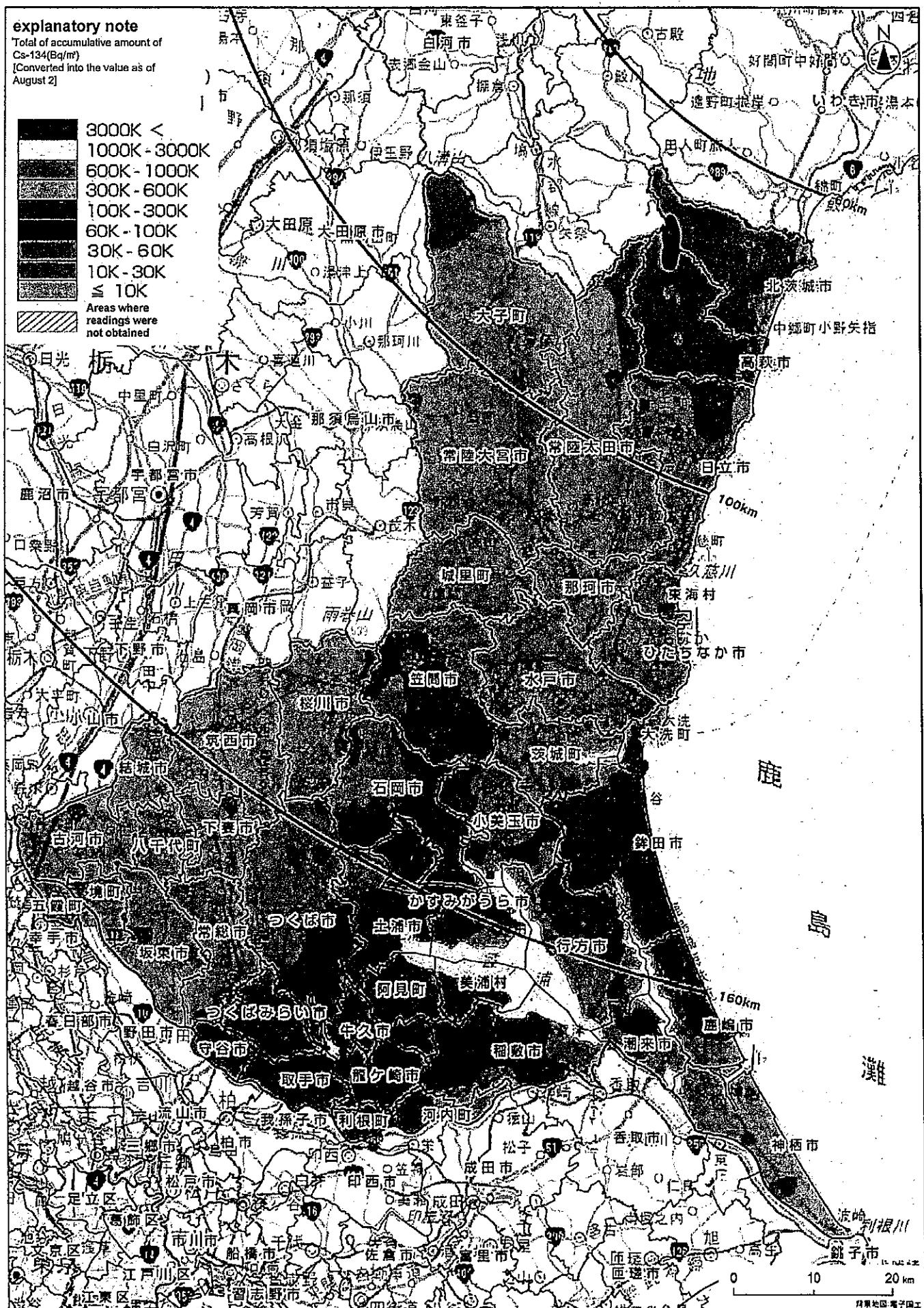
Results of aircraft monitoring by MEXT and Ibaraki Prefecture

(Total of accumulative amount of Cs-134 and Cs-137 to ground level in Ibaraki prefecture)

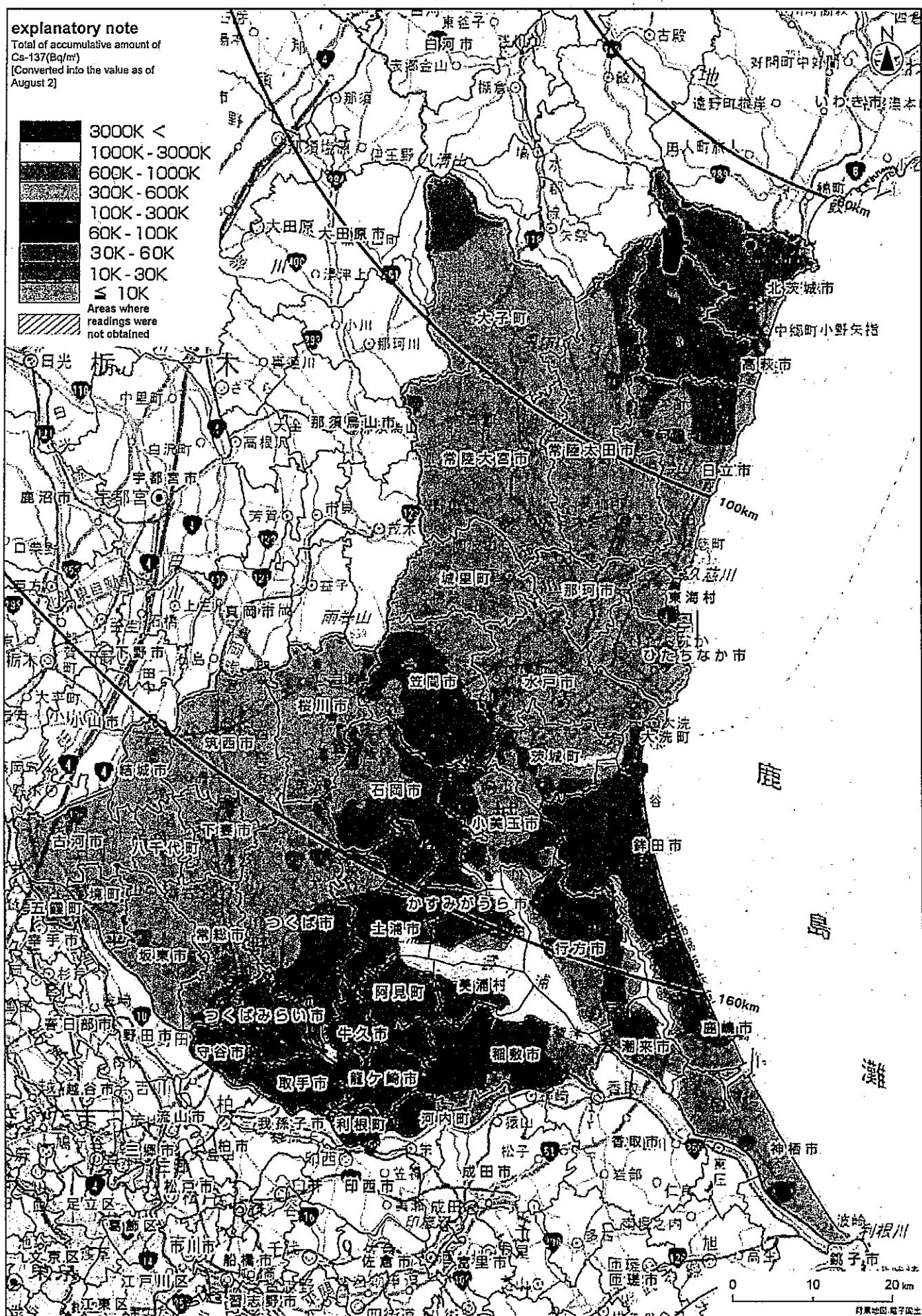


Results of aircraft monitoring by MEXT and Ibaraki Prefecture
(Total of accumulative amount of Cs-134 to ground level in Ibaraki prefecture)

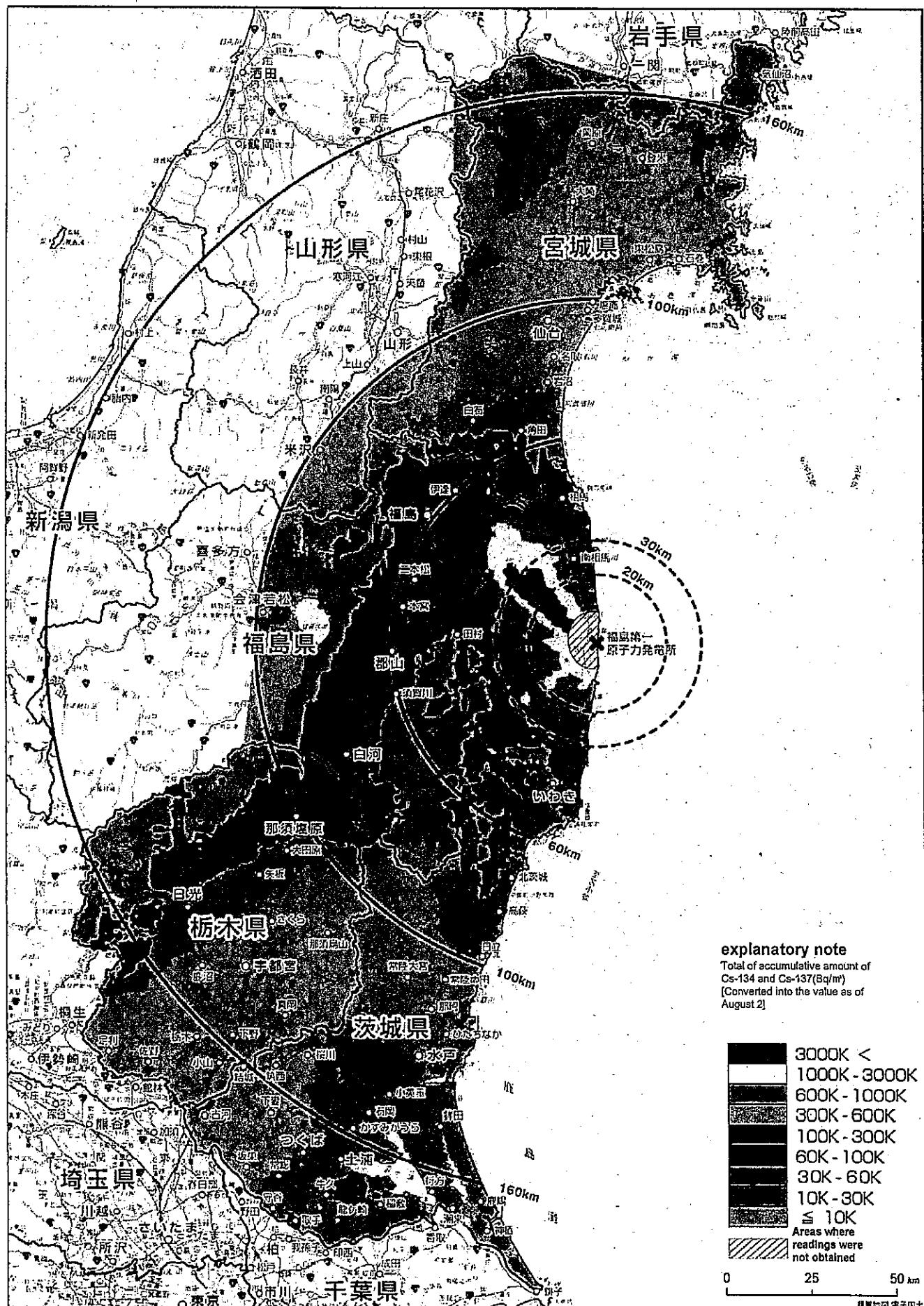
Annex 2



**Results of aircraft monitoring by MEXT and Ibaraki Prefecture
(Total of accumulative amount of Cs-137 to ground level in Ibaraki prefecture)**

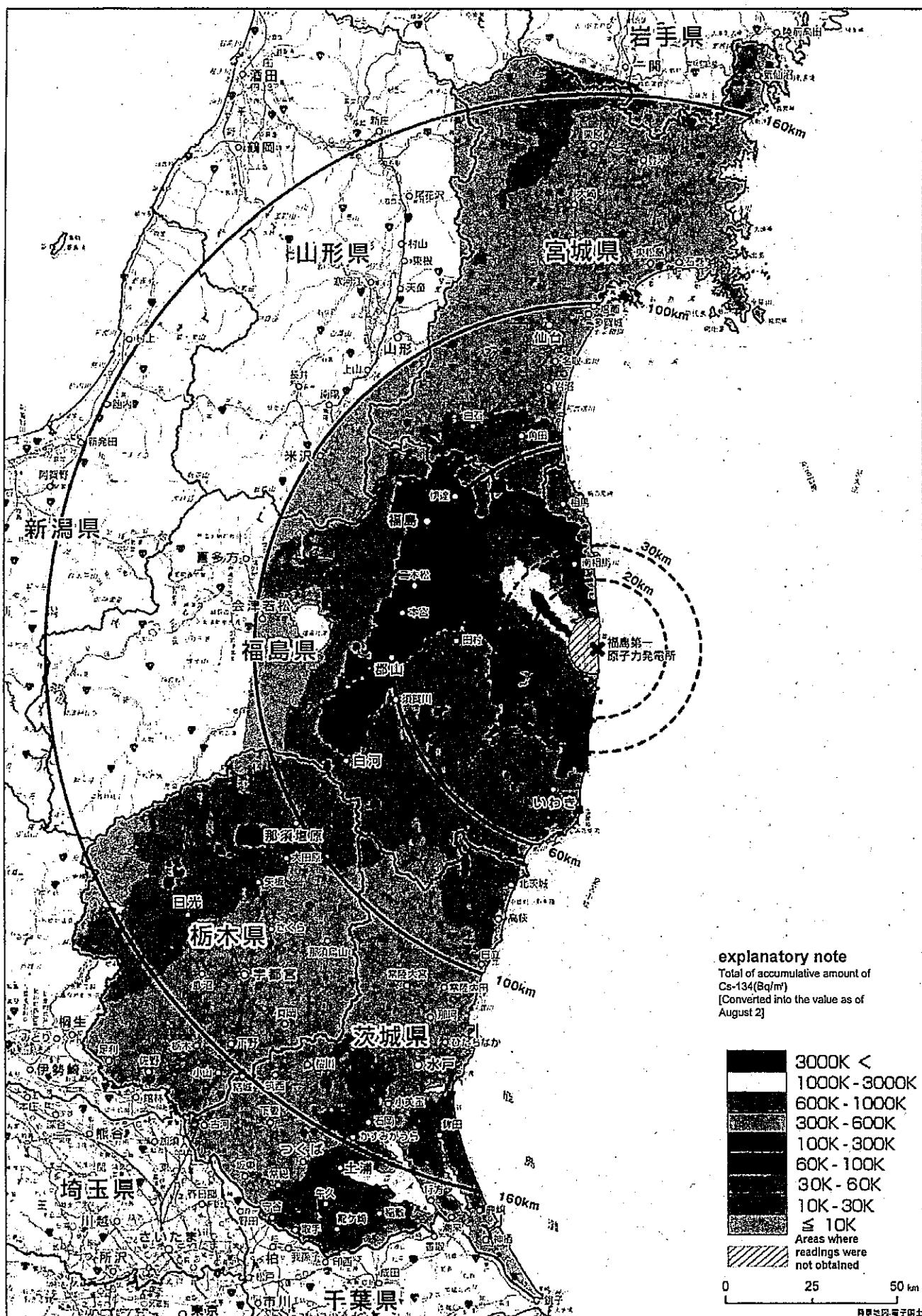


Results of aircraft monitoring by MEXT and Ibaraki Prefecture Annex 4
 (The area monitored by MEXT and Total of accumulative amount of Cs-134 and Cs-137 to ground level in Ibaraki prefecture)



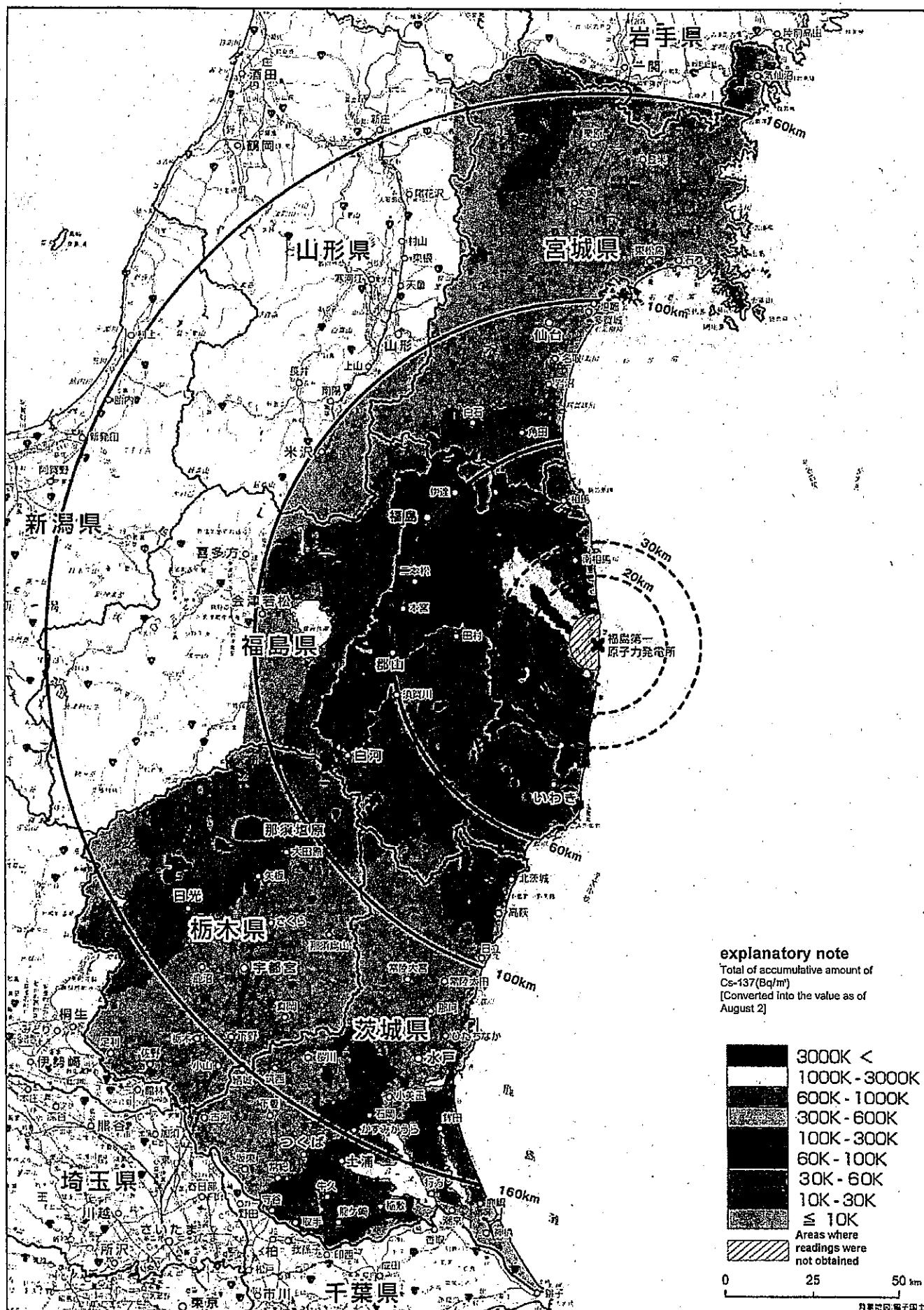
Results of aircraft monitoring by MEXT and Ibaraki Prefecture Annex 5

(The area monitored by MEXT and Total of accumulative amount of Cs-134 to ground level in Ibaraki prefecture)



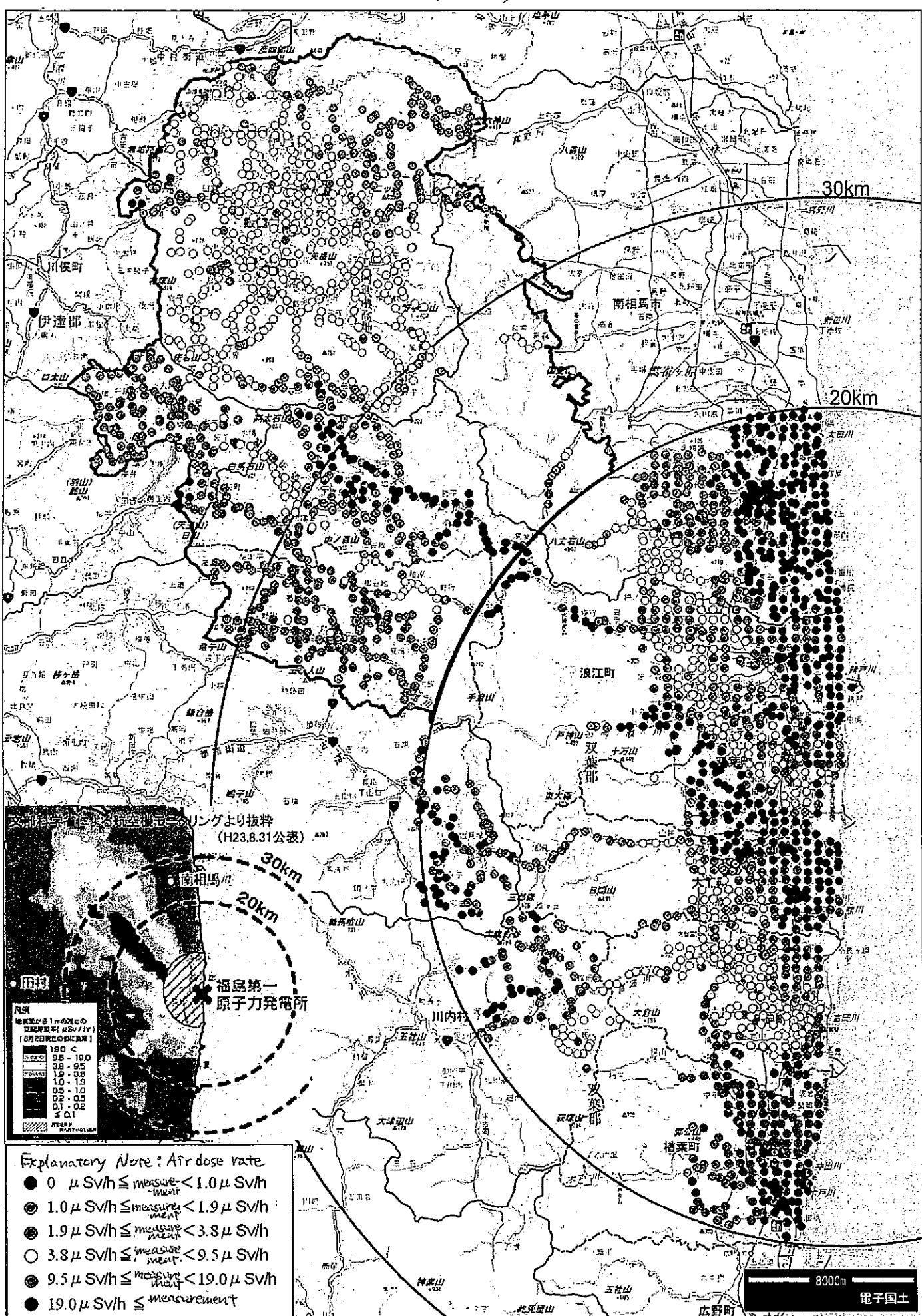
Results of aircraft monitoring by MEXT and Ibaraki Prefecture Annex 6

(The area monitored by MEXT and Total of accumulative amount of Cs-137 to ground level in Ibaraki prefecture)

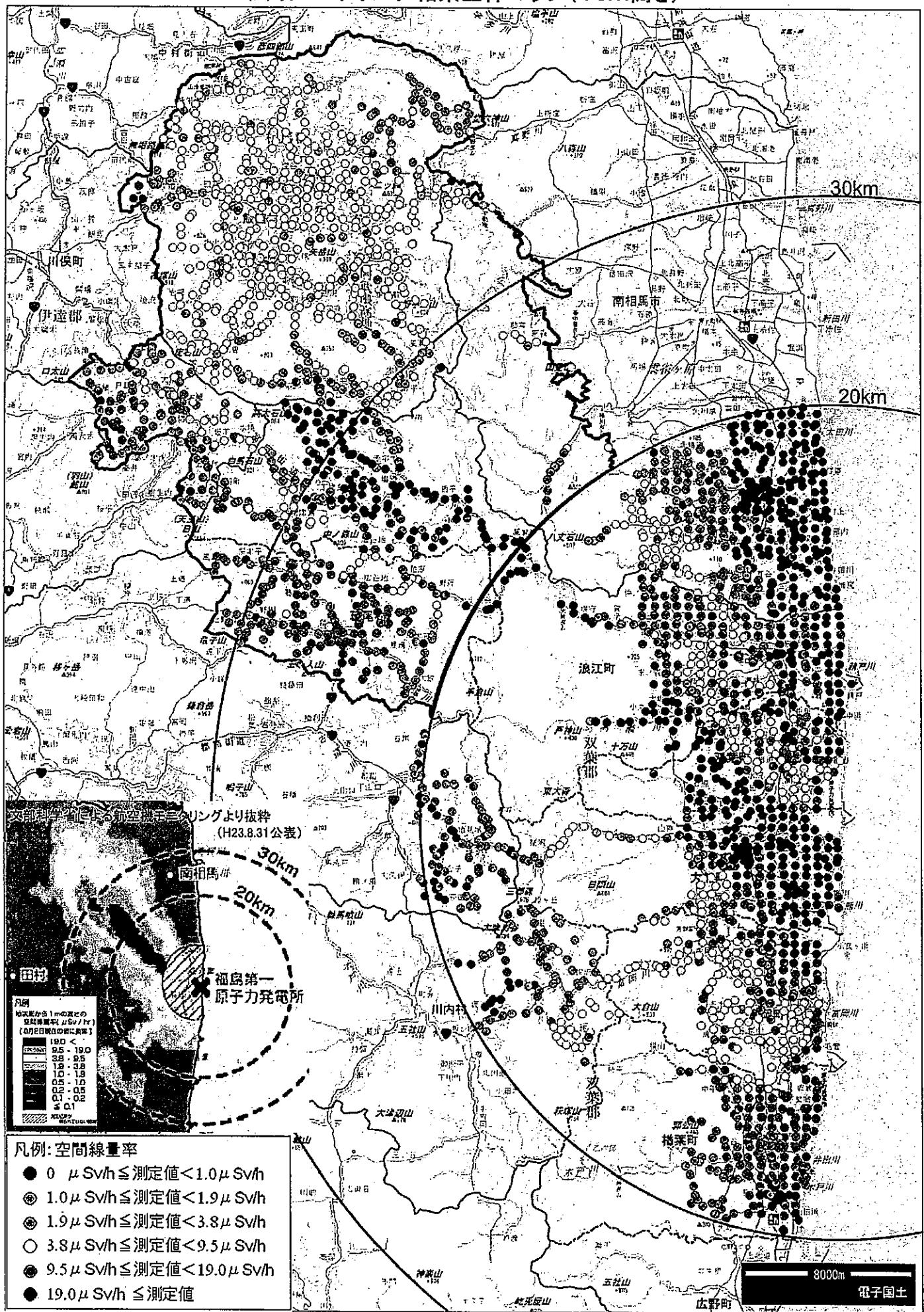


(1m)

Annex 2-1



広域モニタリング結果全体マップ(1cm高さ)



東京電力株式会社福島第一原子力発電所周辺及び茨城県沿岸の海水中の放射能濃度分布

(Distribution map of radioactivity concentration in the seawater)

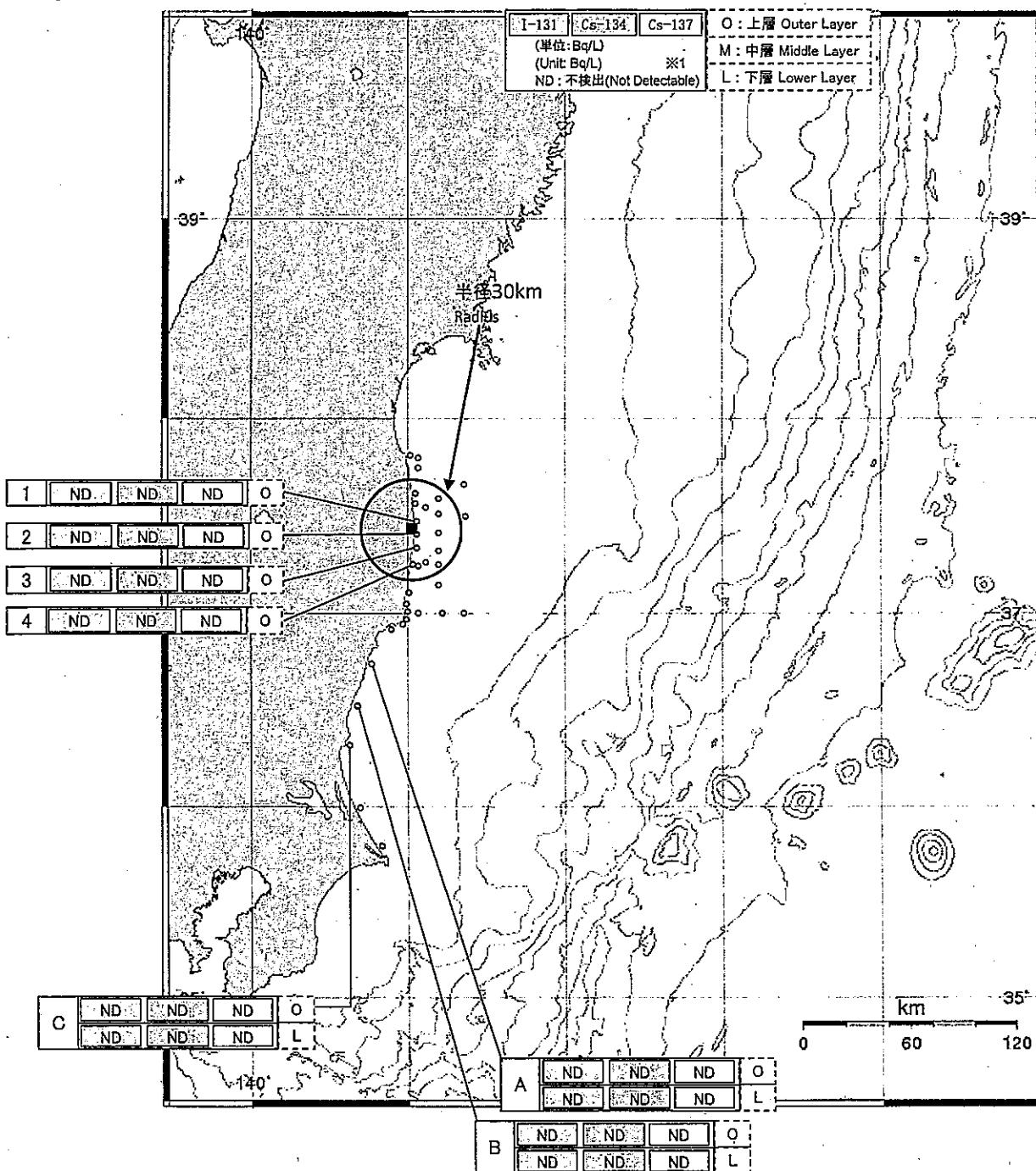
around TEPCO Fukushima Dai-ichi NPP and coast of Ibaraki Prefecture)

(試料採取日: 茨城県沿岸 平成23年8月30日)

(Sampling Date: Coast of Ibaraki Prefecture 2011/8/30)

(試料採取日: 東京電力福島第一原子力発電所周辺 平成23年8月31日)

(Sampling Date: Around TEPCO Fukushima Dai-ichi NPP 2011/8/31)



図中の■は東京電力福島第一原子力発電所を示す

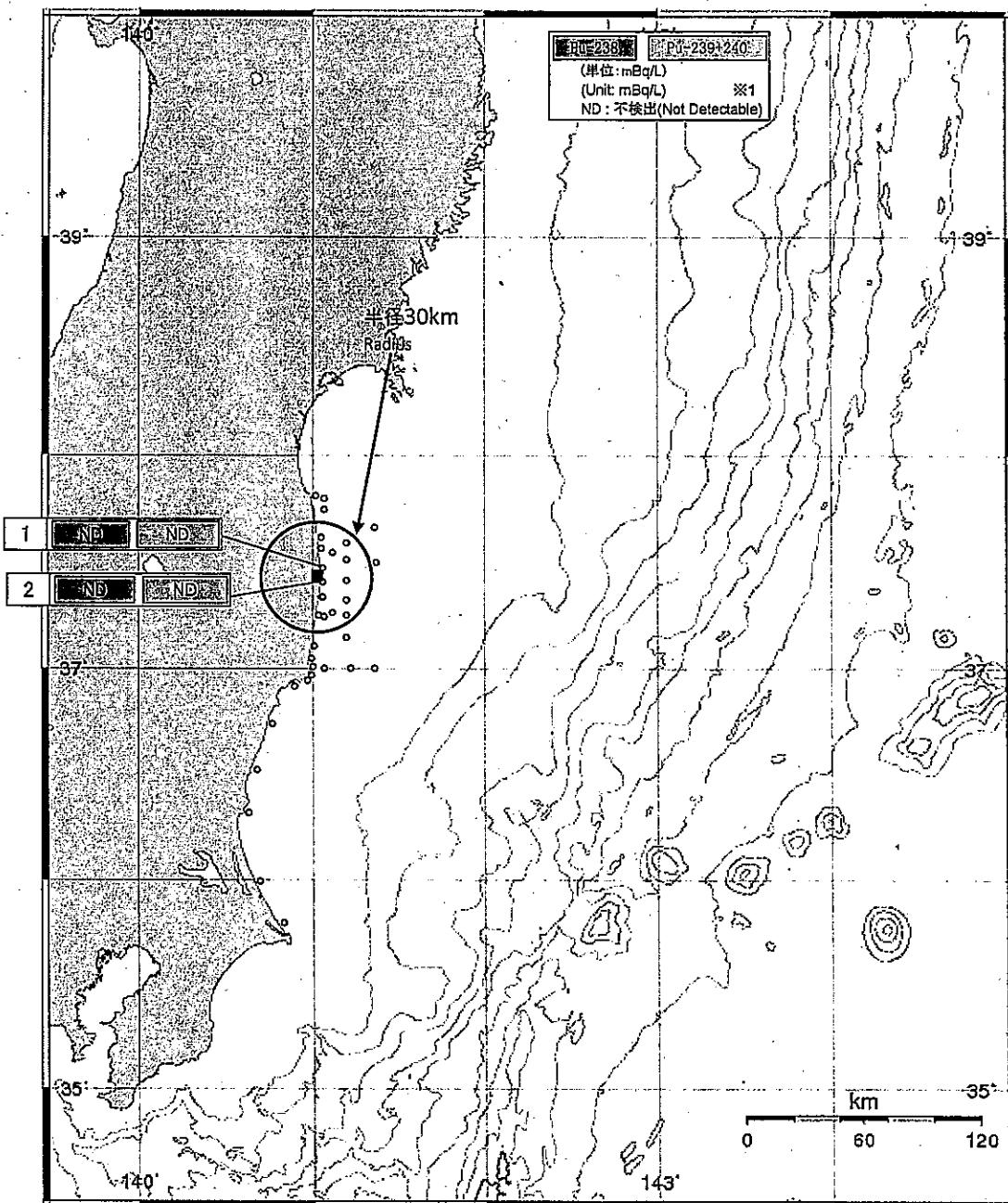
*東京電力(株)の発表(<http://www.tepco.co.jp/cc/press/index11-j.html>)をもとに文部科学省が作成

(Based on the press release of TEPCO (<http://www.tepco.co.jp/cc/press/index11-j.html>)

※1 NDの記載は、海水の放射能濃度の検出値が検出限界値(東京電力福島第一原子力発電所周辺についてはI-131が約7Bq/L、Cs-134が約17Bq/L及びCs-137が約20Bq/L、茨城県沿岸についてはI-131が約4Bq/L、Cs-134が約6Bq/L及びCs-137が約9Bq/L)を下回る場合。

※2 ND indicates the case that the detected radioactivity concentration in sea water was lower than the detection limits of approximately 7 Bq/L for I-131, 17 Bq/L for Cs-134 and 20 Bq/L for Cs-137 for around TEPCO Fukushima Dai-ichi NPP, approximately 4 Bq/L for I-131, 6 Bq/L for Cs-134 and 9 Bq/L for Cs-137 for coast of Ibaraki Prefecture.

東京電力株式会社福島第一原子力発電所周辺の
海水中の放射能濃度分布(プルトニウム)
(Distribution map of radioactivity concentration in the seawater
around TEPCO Fukushima Dai-ichi NPP—Pu—)
(試料採取日:平成23年8月15日)
(Sampling Date: 2011/8/15)



図中の■は東京電力(株)福島第一原子力発電所を示す

*東京電力(株)の発表 (<http://www.tepco.co.jp/cc/press/index11-j.html>)をもとに文部科学省が作成
(Based on the press release of TEPCO (<http://www.tepco.co.jp/cc/press/index11-j.html>))

※1 NDの記載は、海水中のPu濃度の検出値が検出限界値(Pu-238及びPu-239+240について約0.52mBq/L)を下回る場合。
ただし、検出限界値は検出器や試料性状により異なるため、この値以下でも検出される場合もある。

※1 ND indicates the case that the detected concentration of Pu in sea water was lower than the detection limits of approximately 0.52Bq/L for Pu-238 and Pu-239+240.

Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.

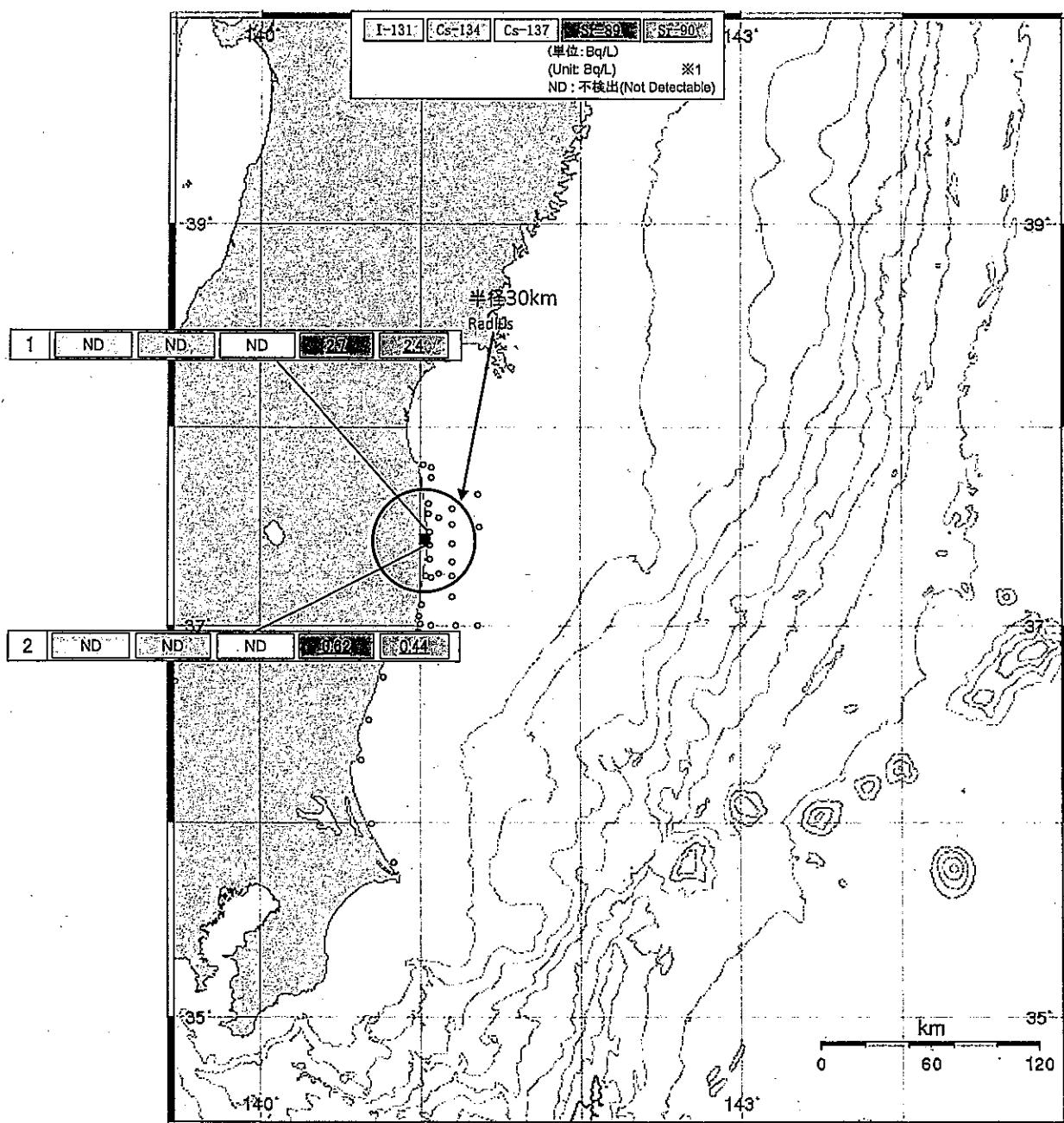
東京電力株式会社福島第一原子力発電所周辺の海水中の放射能濃度分布(ストロンチウム)

(Distribution map of radioactivity concentration in the seawater)

around TEPCO Fukushima Dai-ichi NPP—Sr—)

(試料採取日:平成23年8月15)

(Sampling Date: 2011/8/15)



図中の■は東京電力(株)福島第一発電所を示す

*太字下線データが今回追加分(Boldface and underlined readings are new)

*東京電力(株)の発表(<http://www.tepco.co.jp/cc/press/index11-j.html>)をもとに文部科学省が作成
(Based on the press release of TEPCO (<http://www.tepco.co.jp/cc/press/index11-j.html>))

*ストロンチウムについては、半減期50.5日のSr-89が検出されていることから、東京電力(株)福島第一原子力発電所から放出されたものと考えられます。

(Regarding strontium, Sr-89 that has half life of 50.5 days, was detected. It is thought to be released from the site of TEPCO Fukushima Dai-ichi NPP)

※1 NDの記載は、海水の放射能濃度の検出値が検出限界(I-131が約9Bq/L、Cs-134が約22Bq/L及びCs-137が約24Bq/L)を下回る場合。

※1 ND indicates the case that the detected radioactivity concentration in sea water was lower than the detection limits of approximately 9 Bq/L for I-131, 22 Bq/L for Cs-134 and 24 Bq/L for Cs-137.