

気象庁注:これらの図表は、実際に観測された放射線量等を反映したものではありません。

IAEAが仮定した条件に基づいて計算したものです。

note from Japan Meteorological Agency:

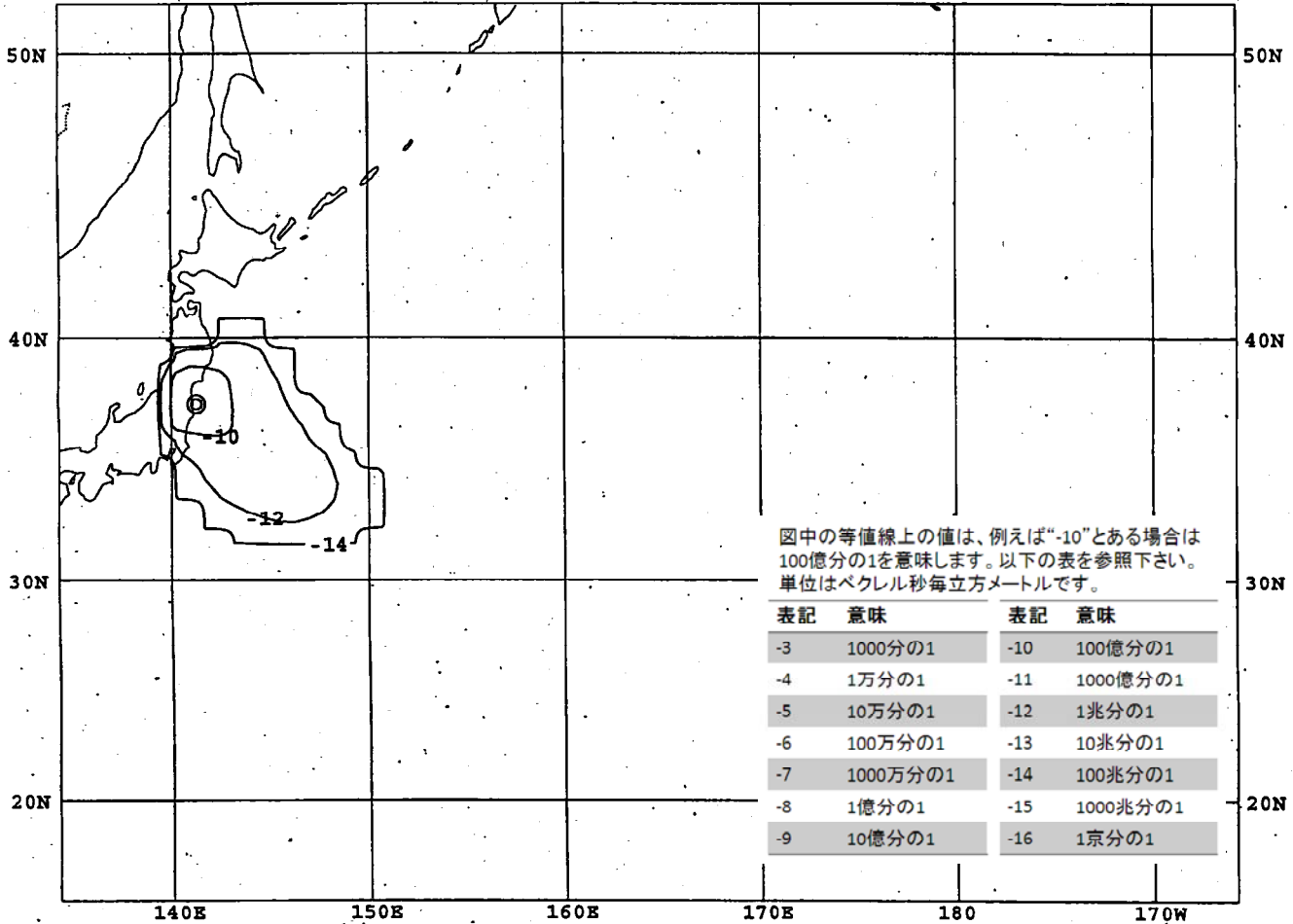
The chart does not reflect the actual observation of radioactive substances. The calculations are based on the hypothetical condition by the International Atomic Energy Agency, or IAEA.

~~DELEGATED AUTHORITY REQUESTED~~

IAEA NOTIFIED EMERGENCY

TIME INTEGRATED SURFACE - 500M LAYER CONCENTRATION

INTEGRATED FROM 16UTC 11 MAR 2011
TO 12UTC 12 MAR 2011



(ISSUED 1655UTC 11 MAR 2011)

ASSUMED POLLUTANT RELEASED : I -131

START OF THE EMISSION : 1600UTC 11 MAR 2011

END OF THE EMISSION : 1600UTC 12 MAR 2011

◎ SOURCE LOCATION : LATITUDE 37.42N

LONGITUDE 141.33E

NAME FUKUSHIMA DAI-CHI JAPAN

ASSUMED TOTAL EMISSION : 1 BECQUEREL

UNIFORM RELEASE FROM 20- 100M ABOVE THE GROUND

UNIT : (BQ.S/M3)

MAXIMUM : 3.79E-9 (BQ.S/M3)

CONTOURS: 1E-10, 1E-12, 1E-14

CONTOUR VALUES MAY CHANGE FROM CHART TO CHART

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note from Japan Meteorological Agency:

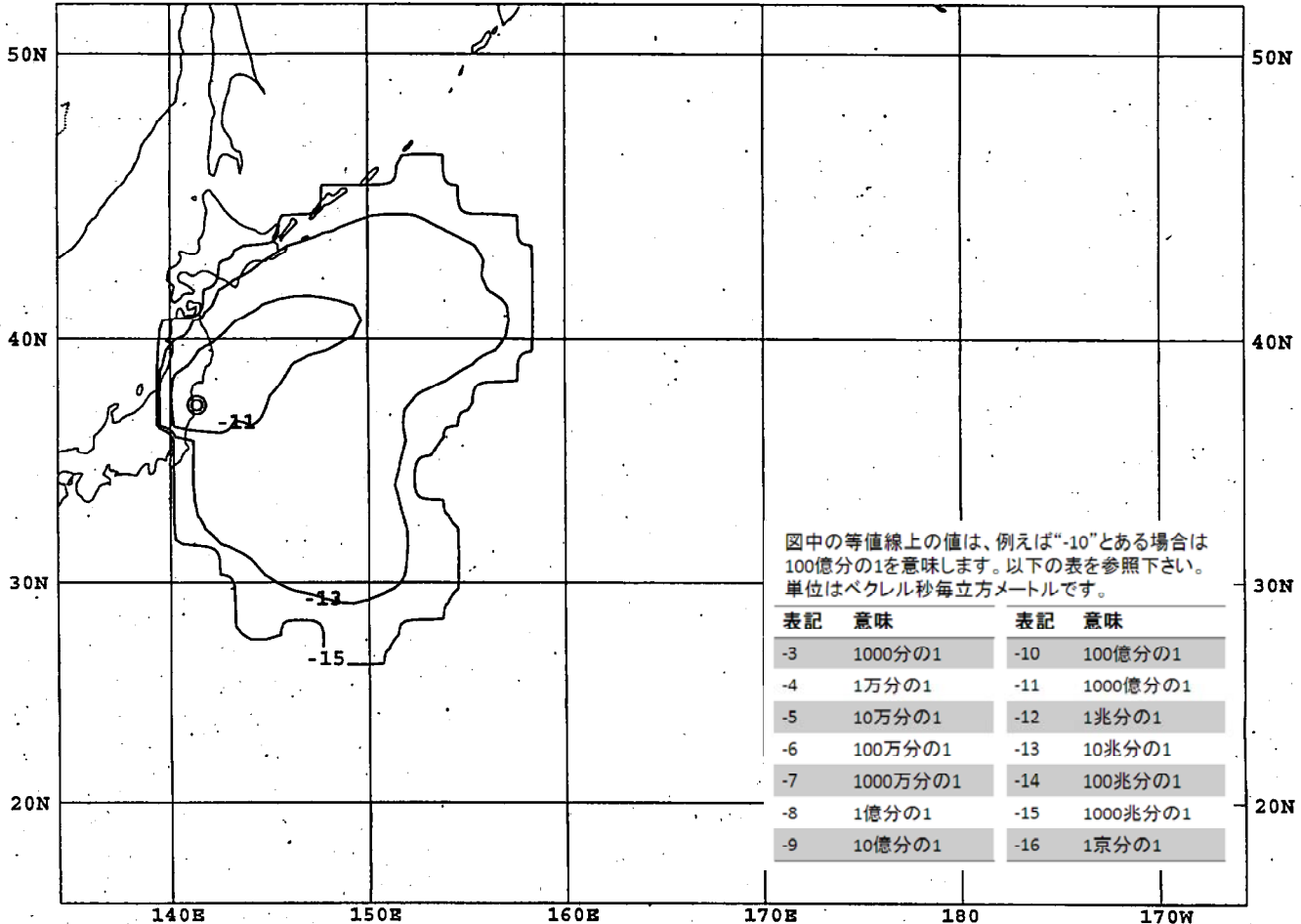
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IAEA NOTIFIED EMERGENCY

TIME INTEGRATED SURFACE - 500M LAYER CONCENTRATION

INTEGRATED FROM 12UTC 12 MAR 2011
TO 12UTC 13 MAR 2011



図中の等値線上の値は、例えば"-10"とある場合は100億分の1を意味します。以下の表を参照下さい。単位はベクレル秒毎立方メートルです。

表記	意味	表記	意味
-3	1000分の1	-10	100億分の1
-4	1万分の1	-11	1000億分の1
-5	10万分の1	-12	1兆分の1
-6	100万分の1	-13	10兆分の1
-7	1000万分の1	-14	100兆分の1
-8	1億分の1	-15	1000兆分の1
-9	10億分の1	-16	1京分の1

(ISSUED 1655UTC 11 MAR 2011)

ASSUMED POLLUTANT RELEASED : I -131

START OF THE EMISSION : 1600UTC 11 MAR 2011

END OF THE EMISSION : 1600UTC 12 MAR 2011

◎ SOURCE LOCATION : LATITUDE 37.42N

LONGITUDE 141.33E

NAME FUKUSHIMA DAI-CHI JAPAN

ASSUMED TOTAL EMISSION : 1 BECQUEREL

UNIFORM RELEASE FROM 20- 100M ABOVE THE GROUND

UNIT : (BQ.S/M3)

MAXIMUM : 1.73E-10 (BQ.S/M3)

CONTOURS: 1E-11, 1E-13, 1E-15

CONTOUR VALUES MAY CHANGE FROM CHART TO CHART

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note from Japan Meteorological Agency:

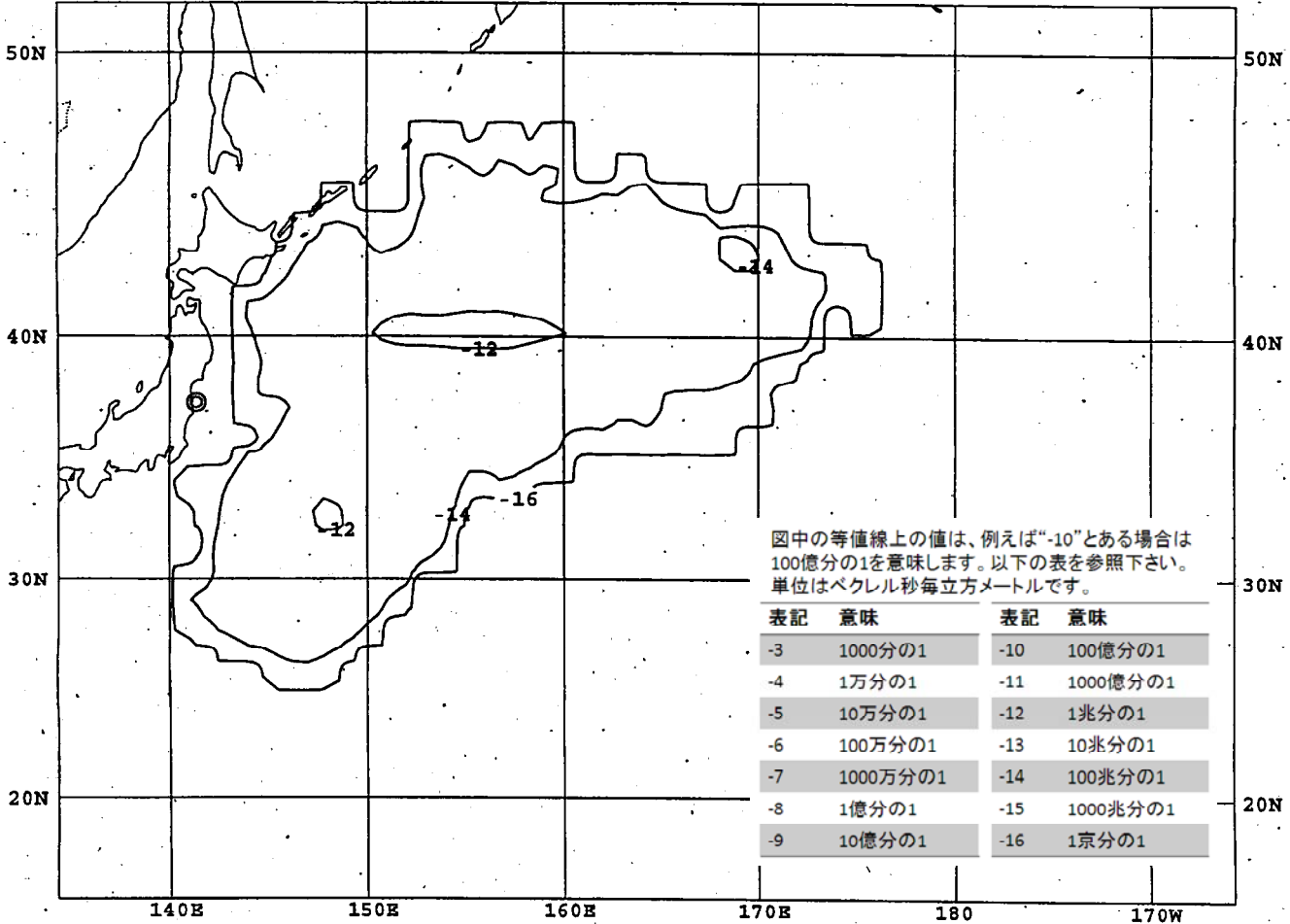
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~~DELEGATED AUTHORITY REQUESTED~~

IAEA NOTIFIED EMERGENCY

TIME INTEGRATED SURFACE - 500M LAYER CONCENTRATION

INTEGRATED FROM 12UTC 13 MAR 2011
TO 12UTC 14 MAR 2011



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表記	意味	表記	意味
-3	1000分の1	-10	100億分の1
-4	1万分の1	-11	1000億分の1
-5	10万分の1	-12	1兆分の1
-6	100万分の1	-13	10兆分の1
-7	1000万分の1	-14	100兆分の1
-8	1億分の1	-15	1000兆分の1
-9	10億分の1	-16	1京分の1

(ISSUED 1655UTC 11 MAR 2011)

ASSUMED POLLUTANT RELEASED : I -131

START OF THE EMISSION : 1600UTC 11 MAR 2011

END OF THE EMISSION : 1600UTC 12 MAR 2011

© SOURCE LOCATION : LATITUDE 37.42N

LONGITUDE 141.33E

NAME FUKUSHIMA DAI-CHI JAPAN

ASSUMED TOTAL EMISSION : 1 BECQUEREL

UNIFORM RELEASE FROM 20- 100M ABOVE THE GROUND

UNIT : (BQ.S/M3)

MAXIMUM : 1.41E-12 (BQ.S/M3)

CONTOURS: 1E-12 , 1E-14 , 1E-16

CONTOUR VALUES MAY CHANGE FROM CHART TO CHART

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note from Japan Meteorological Agency:

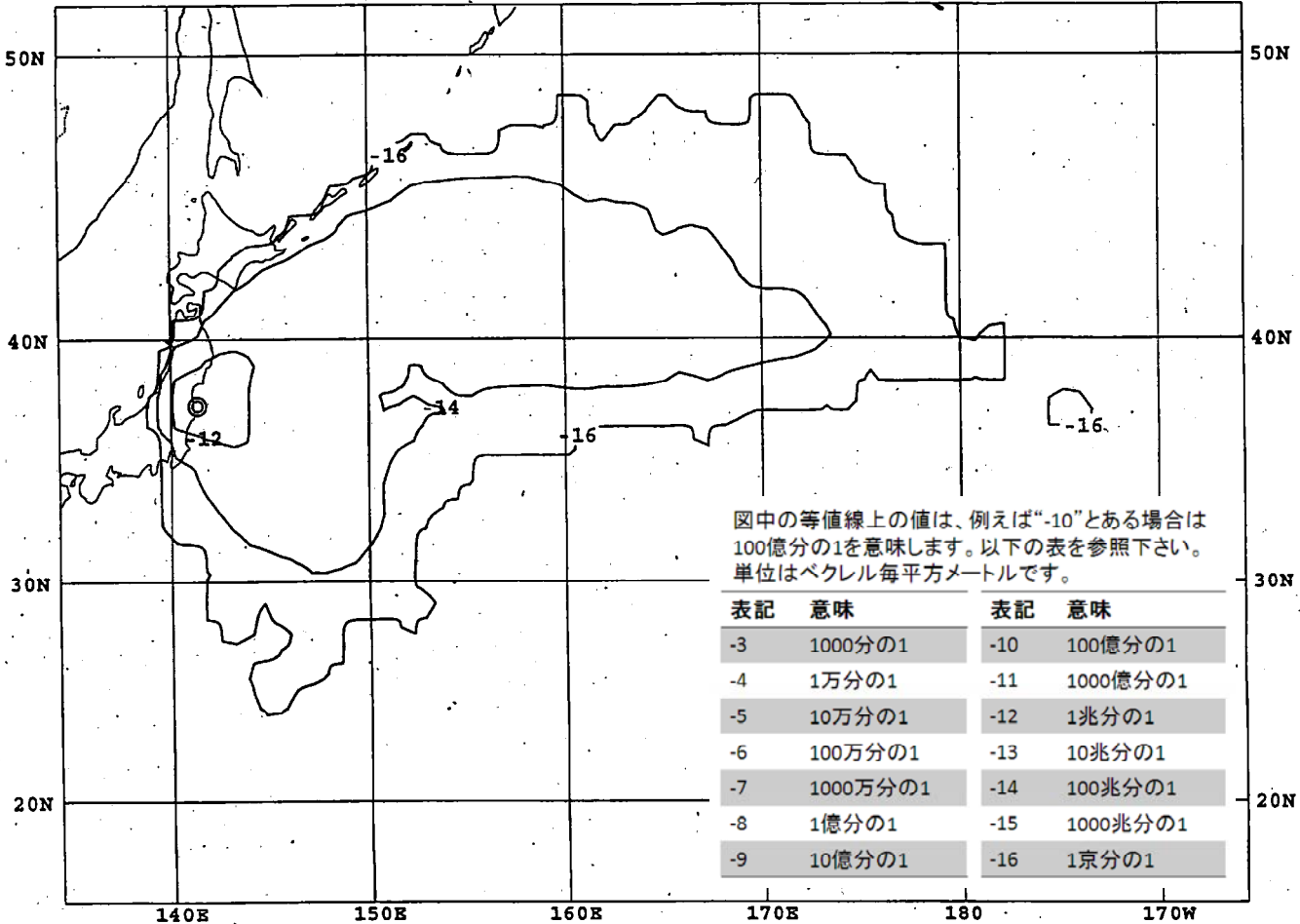
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DELEGATED AUTHORITY REQUESTED

IAEA NOTIFIED EMERGENCY

TOTAL (WET AND DRY) DEPOSITION

INTEGRATED FROM 16UTC 11 MAR 2011
TO 12UTC 14 MAR 2011



図中の等値線上の値は、例えば“-10”とある場合は100億分の1を意味します。以下の表を参照下さい。単位はベクレル毎平方メートルです。

表記	意味	表記	意味
-3	1000分の1	-10	100億分の1
-4	1万分の1	-11	1000億分の1
-5	10万分の1	-12	1兆分の1
-6	100万分の1	-13	10兆分の1
-7	1000万分の1	-14	100兆分の1
-8	1億分の1	-15	1000兆分の1
-9	10億分の1	-16	1京分の1

(ISSUED 1655UTC 11 MAR 2011)

ASSUMED POLLUTANT RELEASED : I -131

START OF THE EMISSION : 1600UTC 11 MAR 2011

END OF THE EMISSION : 1600UTC 12 MAR 2011

◎ SOURCE LOCATION : LATITUDE 37.42N

LONGITUDE 141.33E

NAME FUKUSHIMA DAI-CHI JAPAN

ASSUMED TOTAL EMISSION : 1 BECQUEREL

UNIFORM RELEASE FROM 20- 100M ABOVE THE GROUND

UNIT : (BQ/M2)

MAXIMUM : 1.12E-11 (BQ/M2)

CONTOURS: 1E-12, 1E-14, 1E-16

CONTOUR VALUES MAY CHANGE FROM CHART TO CHART

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IAEAが仮定した条件に基づいて計算したものです。

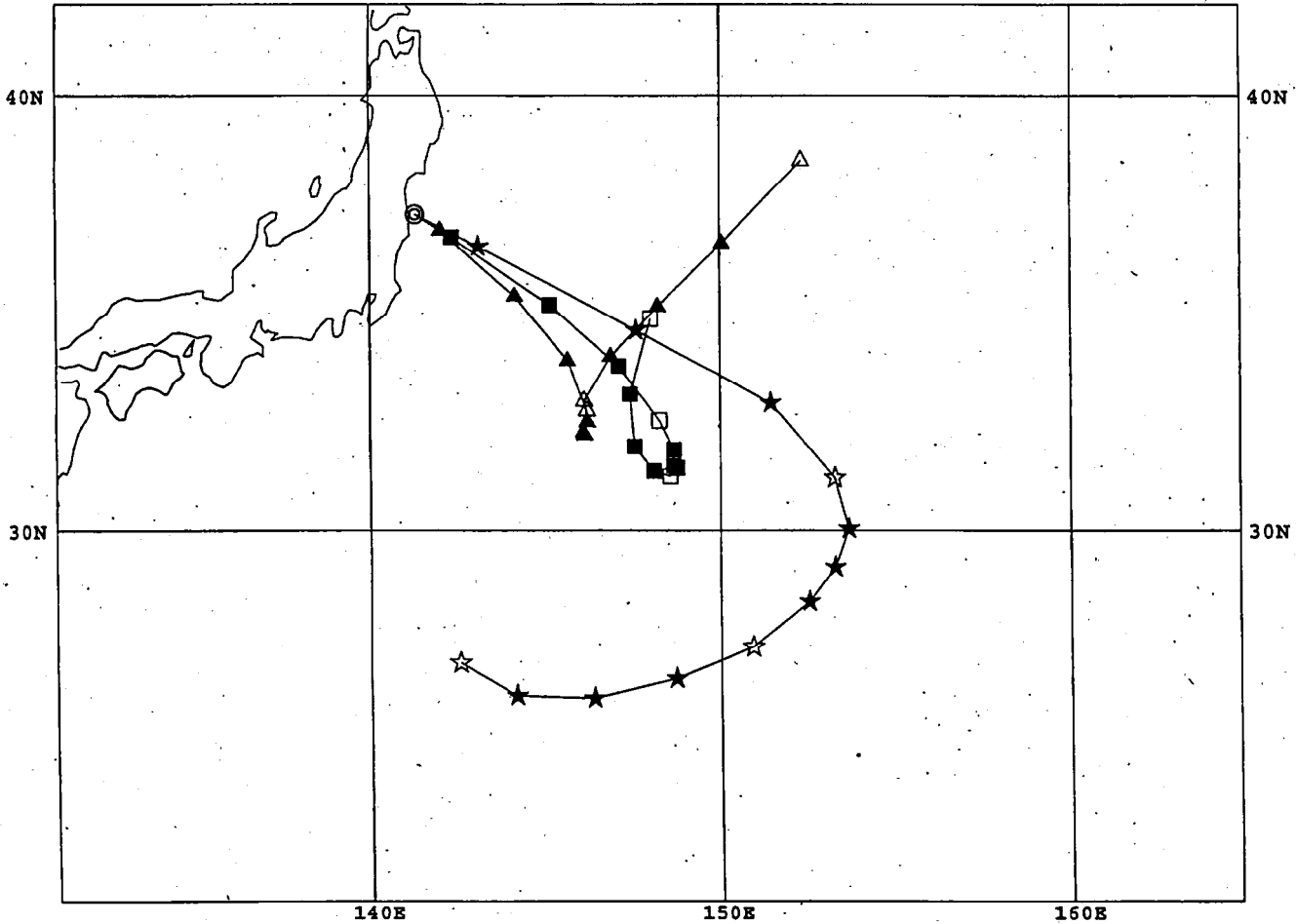
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~~DELEGATED AUTHORITY REQUESTED~~
 IAEA NOTIFIED EMERGENCY

3-D TRAJECTORY

FROM 16UTC 11 MAR 2011 TO 12UTC 14 MAR 2011

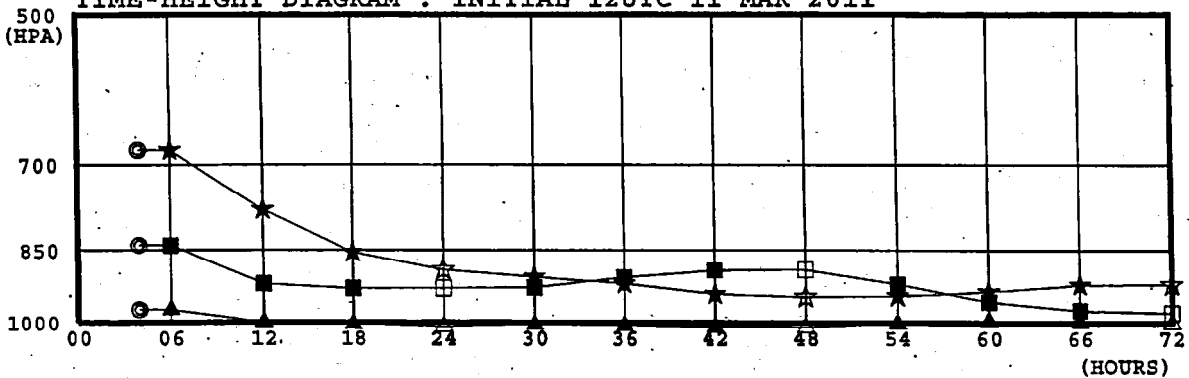


(ISSUED 1655UTC 11 MAR 2011)

- ▲— INITIAL HEIGHT = 500M ABOVE THE SURFACE
 - INITIAL HEIGHT = 1500M ABOVE THE SURFACE
 - ★— INITIAL HEIGHT = 3000M ABOVE THE SURFACE
- MARKED WITH TIME INTERVAL OF 6 HOURS

◎ SOURCE LOCATION : LATITUDE 37.42N
 LONGITUDE 141.33E
 NAME FUKUSHIMA DAI-CHI JAPAN

TIME-HEIGHT DIAGRAM : INITIAL 12UTC 11 MAR 2011



(essential accident information for model simulation - if not available, model will execute with standard default values)

RELEASE CHARACTERISTICS:

START OF RELEASE: Date/Time: 2011-3-11/16:0(UTC)

DURATION: 24 (hours) or END OF RELEASE: Date/Time: - - / : (UTC)

RADIONUCLIDE SPECIES: I-131

TOTAL RELEASE QUANTITY: 1 (Becquerel)

OR POLLUTANT RELEASE RATE: (Becquerel/hour)

EFFECTIVE HEIGHT OF RELEASE: surface or

release height: base: 20 (m), top:100 (m).

(helpful information for improved simulation)

SITE ELEVATION: 20 (m)

LOCAL METEOROLOGICAL CONDITIONS NEAR ACCIDENT:

(wind speed and direction/weather/cloudiness/precipitation, etc.)

OTHER INFORMATION:

The IAEA HAVE NOT been informed of any release from this facility. This request is made in the event that a release MAY OCCUR in the future.

(nature of accident, cause, fire explosion, controlled release, foreseeable development, normal activity, projected conditions, etc)

(to be completed by RSMC)

DATE/TIME OF RECEIPT OF REQUEST:.....(UTC)

FOR LEAD RSMC(S) ONLY

DATE/TIME OF RETURN CONFIRMATION OF RECEIPT:.....(UTC)

Note: All times in UTC