

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。

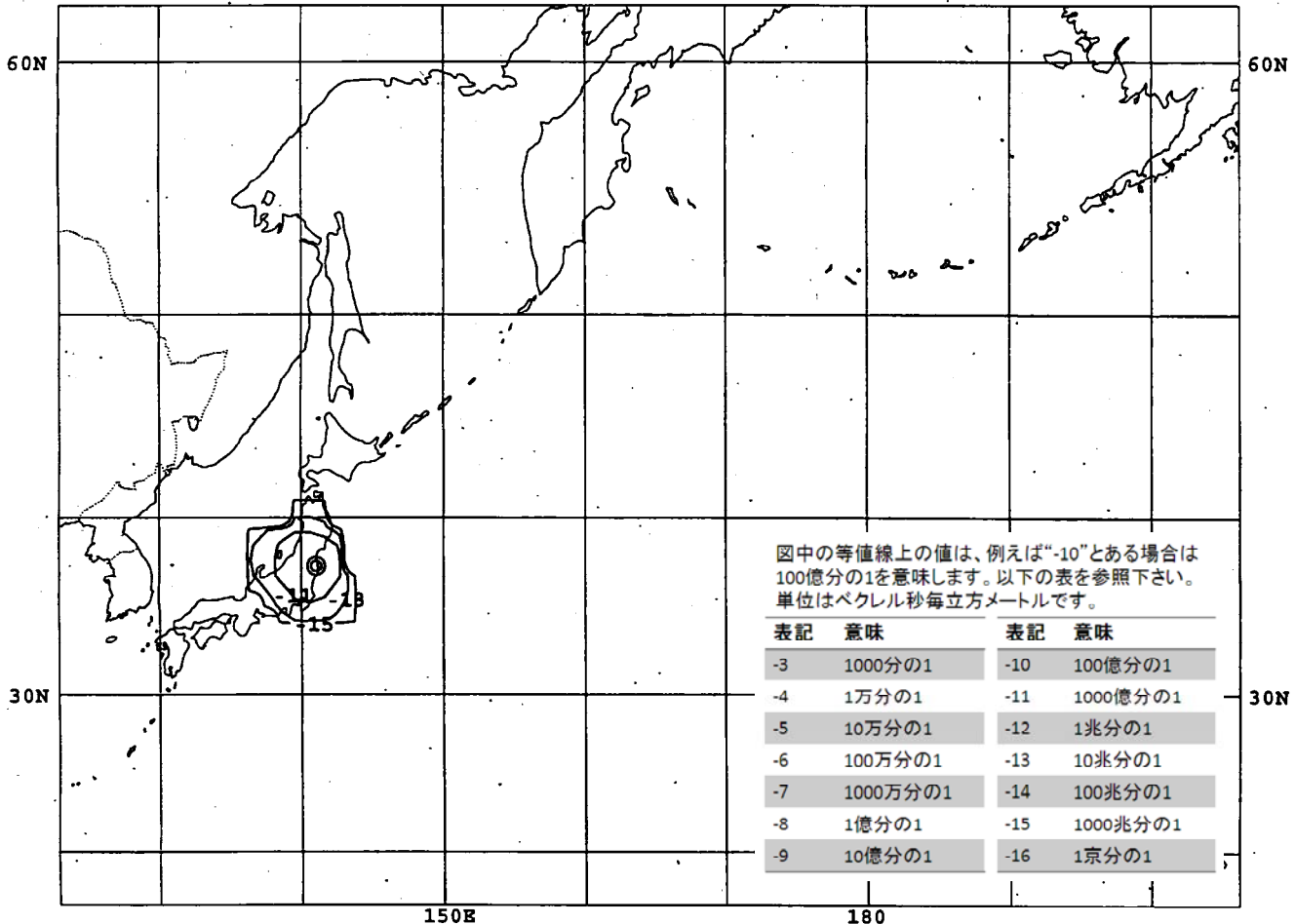
note from Japan Meteorological Agency:

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 00UTC 15 MAR 2011
TO 00UTC 16 MAR 2011



(ISSUED 0904UTC 15 MAR 2011)

ASSUMED POLLUTANT RELEASED : CS-137
START OF THE EMISSION : 0000UTC 15 MAR 2011
END OF THE EMISSION : 0300UTC 15 MAR 2011
◎ SOURCE LOCATION : LATITUDE 37.42N
LONGITUDE 141.03E
NAME FUKUSHIMA DAIICHI, JAPAN
ASSUMED TOTAL EMISSION : 1 BECQUEREL
UNIFORM RELEASE FROM 20- 40M ABOVE THE GROUND
UNIT : (BQ.S/M3)
MAXIMUM : 8.68E-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:

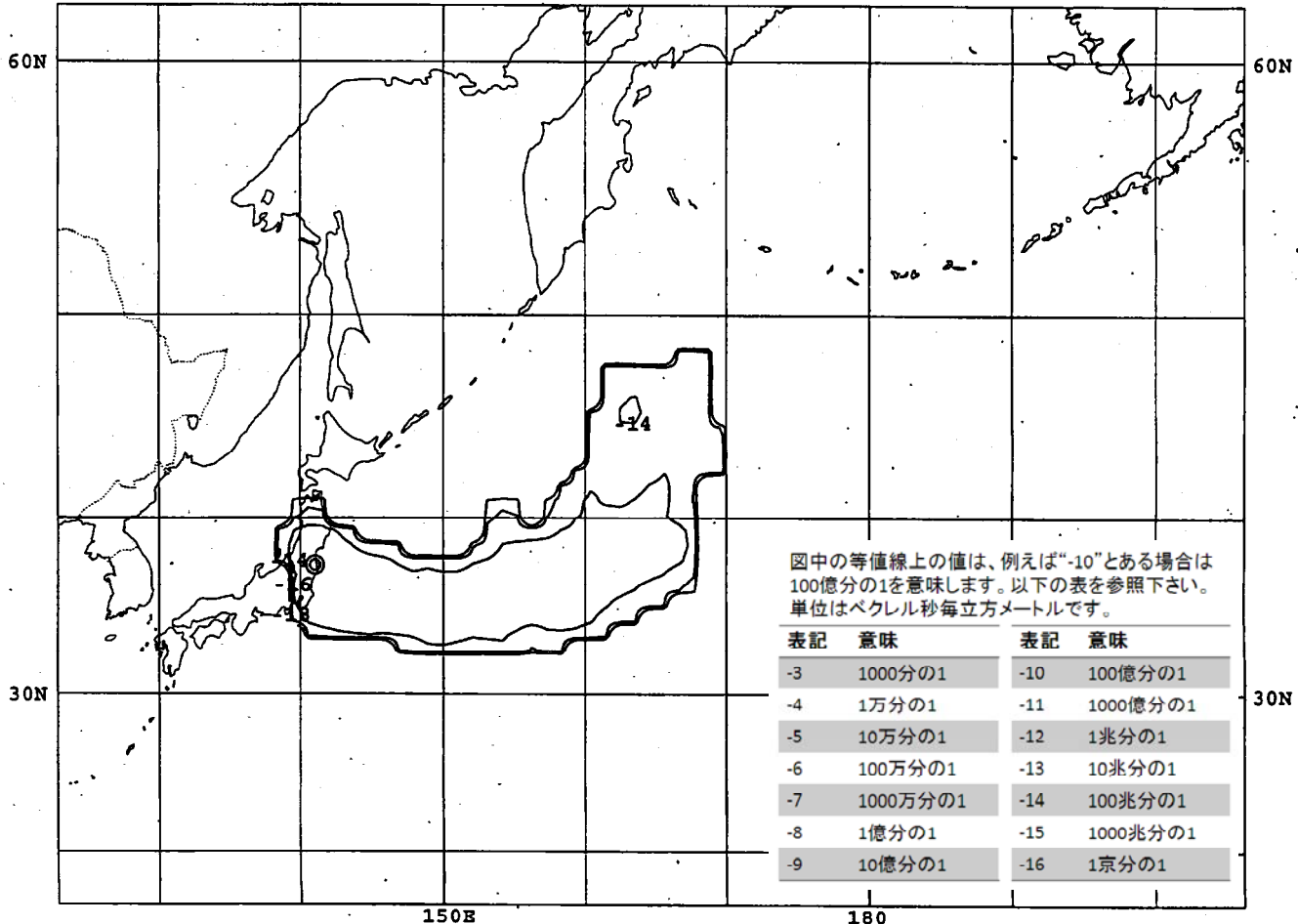
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IAEA NOTIFIED EMERGENCY

TIME INTEGRATED SURFACE - 500M LAYER CONCENTRATION

INTEGRATED FROM 00UTC 16 MAR 2011
TO 00UTC 17 MAR 2011



(ISSUED 0904UTC 15 MAR 2011)

ASSUMED POLLUTANT RELEASED : CS-137

START OF THE EMISSION : 0000UTC 15 MAR 2011

END OF THE EMISSION : 0300UTC 15 MAR 2011

© SOURCE LOCATION : LATITUDE 37.42N

LONGITUDE 141.03E

NAME FUKUSHIMA DAIICHI, JAPAN

ASSUMED TOTAL EMISSION : 1 BECQUEREL

UNIFORM RELEASE FROM .. 20- 40M ABOVE THE GROUND

UNIT : (BQ.S/M3)

MAXIMUM : 3.39E-13 (BQ.S/M3)

CONTOURS: 1E-14, 1E-16, 1E-18

CONTOUR VALUES MAY CHANGE FROM CHART TO CHART

JAPAN METEOROLOGICAL AGENCY

GLOBAL TRACER TRANSPORT MODEL

CHART 3 / 5

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note from Japan Meteorological Agency:

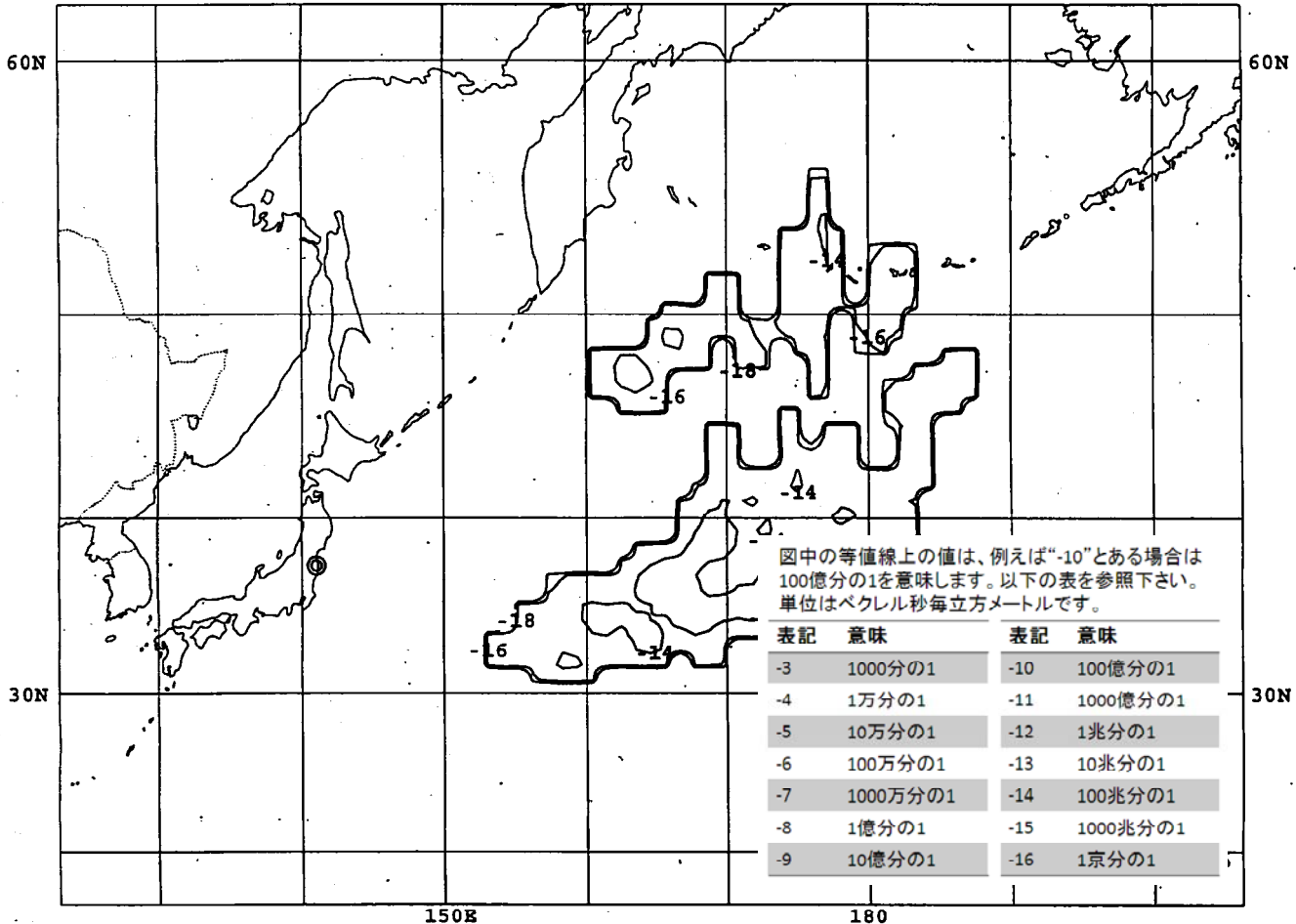
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~~DELEGATED AUTHORITY REQUESTED~~

IAEA NOTIFIED EMERGENCY

TIME INTEGRATED SURFACE -- 500M LAYER CONCENTRATION

INTEGRATED FROM 00UTC 17 MAR 2011
TO 00UTC 18 MAR 2011



(ISSUED 0904UTC 15 MAR 2011)

ASSUMED POLLUTANT RELEASED : CS-137
START OF THE EMISSION : 0000UTC 15 MAR 2011
END OF THE EMISSION : 0300UTC 15 MAR 2011
◎ SOURCE LOCATION : LATITUDE 37.42N
LONGITUDE 141.03E
NAME FUKUSHIMA DAIICHI, JAPAN
ASSUMED TOTAL EMISSION : 1 BECQUEREL
UNIFORM RELEASE FROM 20- 40M ABOVE THE GROUND
UNIT : (BQ.S/M3)
MAXIMUM : 3.21E-14 (BQ.S/M3)
CONTOURS: 1E-14 , 1E-16 , 1E-18

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。

note from Japan Meteorological Agency:

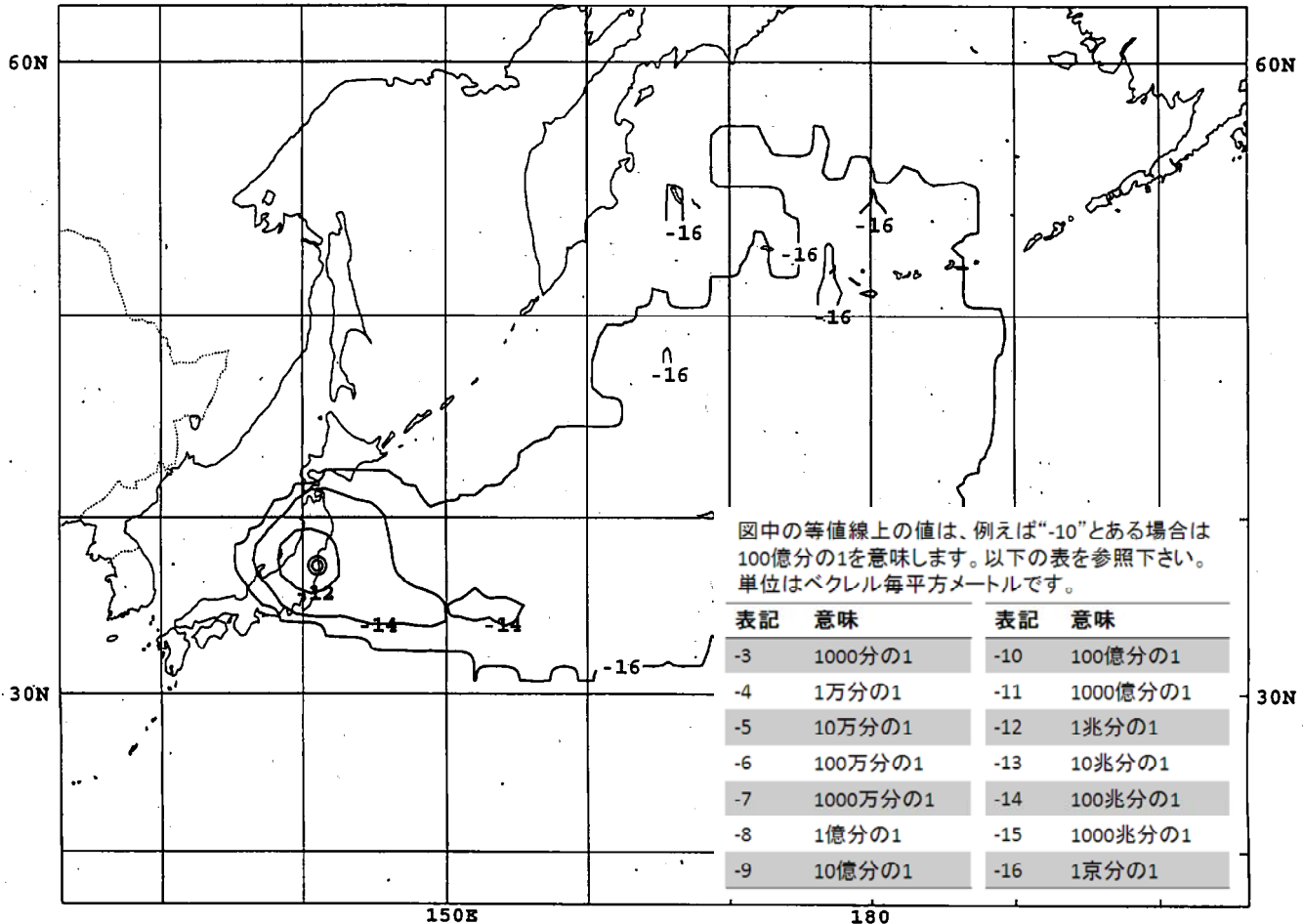
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~~DELEGATED AUTHORITY REQUESTED~~

IAEA NOTIFIED EMERGENCY

TOTAL (WET AND DRY) DEPOSITION

INTEGRATED FROM 00UTC 15 MAR 2011
TO 00UTC 18 MAR 2011



(ISSUED 0904UTC 15 MAR 2011)

ASSUMED POLLUTANT RELEASED : CS-137
START OF THE EMISSION : 0000UTC 15 MAR 2011
END OF THE EMISSION : 0300UTC 15 MAR 2011
◎ SOURCE LOCATION : LATITUDE 37.42N
LONGITUDE 141.03E
NAME : FUKUSHIMA DAIICHI, JAPAN
ASSUMED TOTAL EMISSION : 1 BECQUEREL
UNIFORM RELEASE FROM 20- 40M ABOVE THE GROUND
UNIT : (BQ/M2)
MAXIMUM : 2.13E-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。

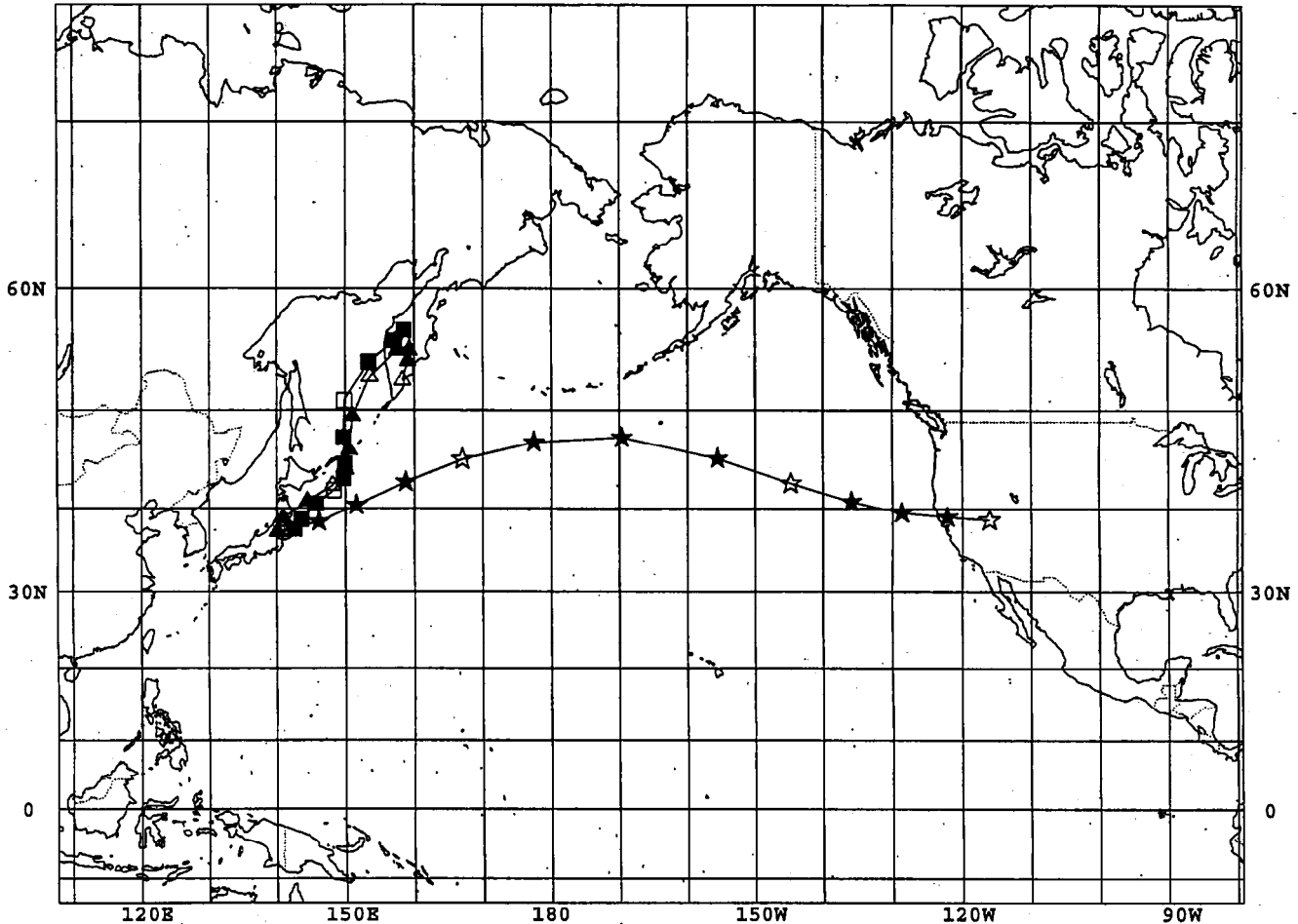
note from Japan Meteorological Agency:

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~~DELEGATED AUTHORITY REQUESTED~~
 IAEA NOTIFIED EMERGENCY

3-D TRAJECTORY

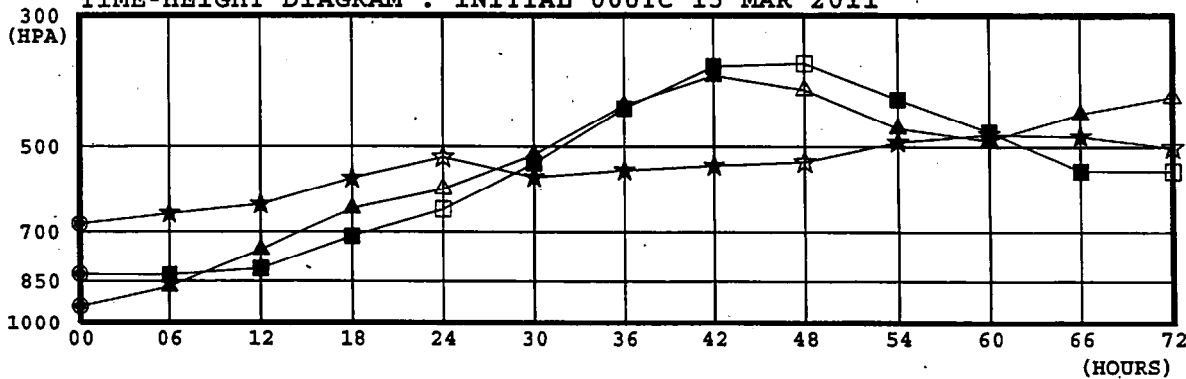
FROM 00UTC 15 MAR 2011 TO 00UTC 18 MAR 2011



(ISSUED 0904UTC 15 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 141.03E
NAME FUKUSHIMA DAIICHI, JAPAN

TIME-HEIGHT DIAGRAM : INITIAL 00UTC 15 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: 2011-03-15/00:0(UTC)

DURATION: 3 (hours) or END OF RELEASE: Date/Time: - - / : (UTC)

RADIONUCLIDE SPECIES: Cs-137

TOTAL RELEASE QUANTITY: 1 (Becquerel)

OR POLLUTANT RELEASE RATE: (Becquerel/hour)

EFFECTIVE HEIGHT OF RELEASE: surface or

release height: base: 20 (m), top:40 (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:

fire/explosion in nuclear fuel storage

(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