

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。

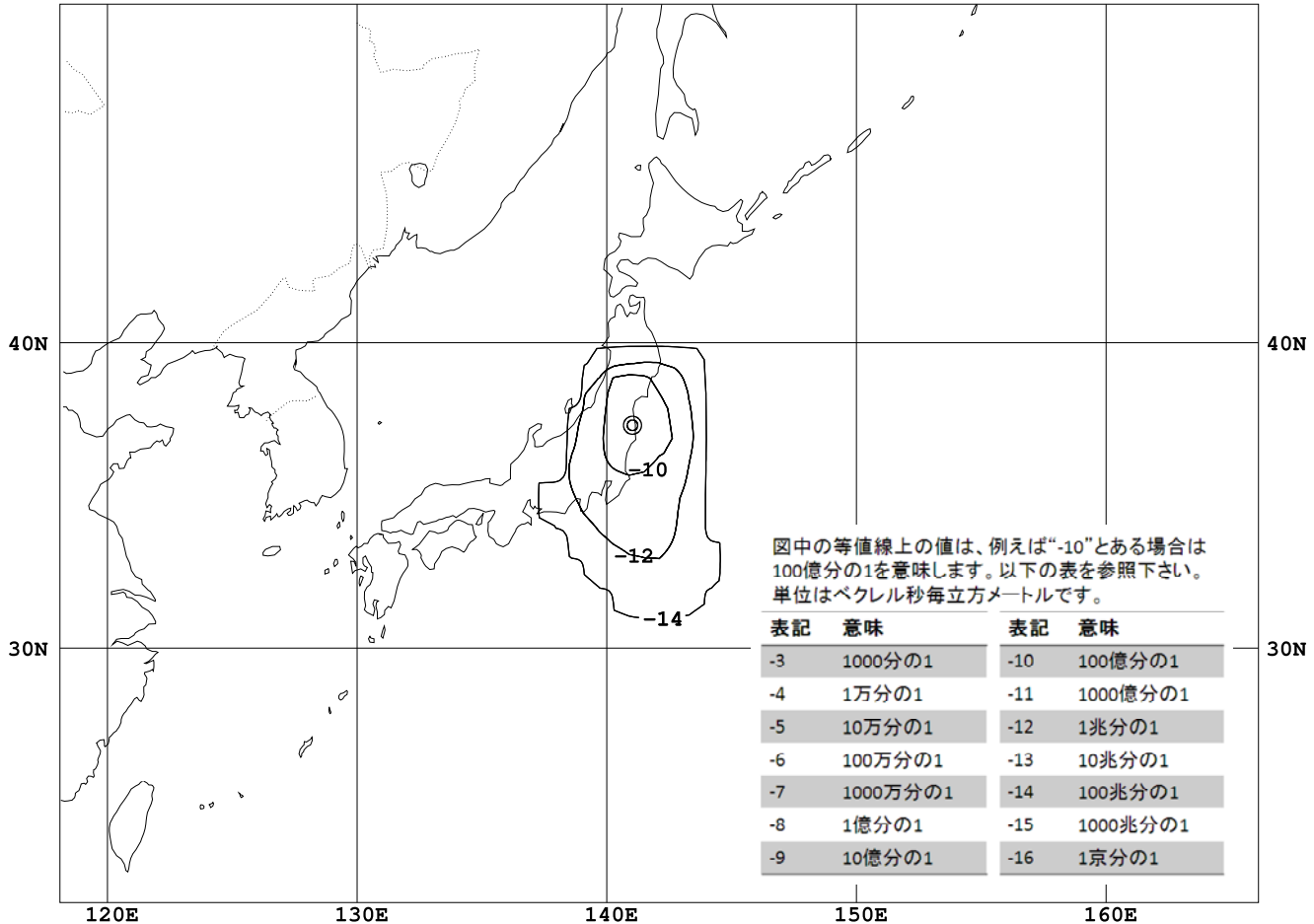
note from Japan Meteorological Agency:

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 04UTC 20 APR 2011
TO 00UTC 21 APR 2011



(ISSUED 0508UTC 20 APR 2011)

ASSUMED POLLUTANT RELEASED : I -131
START OF THE EMISSION : 0400UTC 20 APR 2011
END OF THE EMISSION : 0400UTC 23 APR 2011
◎ SOURCE LOCATION : LATITUDE 37.42N
LONGITUDE 141.03E
NAME FUKUSHIMA DAIICHI, JAPAN
ASSUMED TOTAL EMISSION : 1 BECQUEREL
UNIFORM RELEASE FROM 20- 500M ABOVE THE GROUND
UNIT : (BQ.S/M3)
MAXIMUM : 6.46E-9 (BQ.S/M3)
CONTOURS: 1E-10, 1E-12, 1E-14

CONTOUR VALUES MAY CHANGE FROM CHART TO CHART

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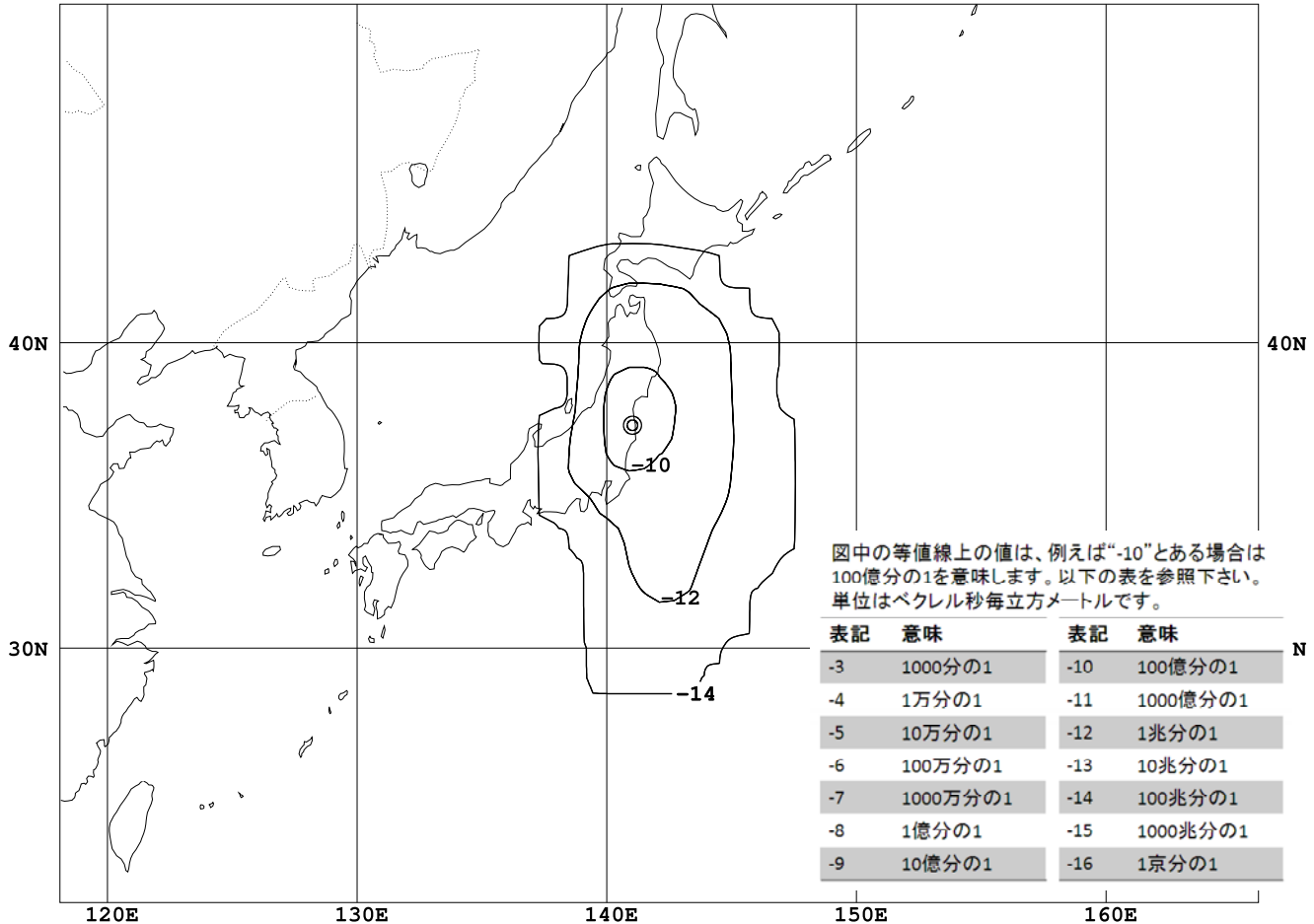
note from Japan Meteorological Agency:

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DELEGATED AUTHORITY REQUESTED
 IAEA NOTIFIED EMERGENCY

TIME INTEGRATED SURFACE - 500M LAYER CONCENTRATION

INTEGRATED FROM 00UTC 21 APR 2011
TO 00UTC 22 APR 2011



(ISSUED 0508UTC 20 APR 2011)

ASSUMED POLLUTANT RELEASED : I -131
START OF THE EMISSION : 0400UTC 20 APR 2011
END OF THE EMISSION : 0400UTC 23 APR 2011
◎ SOURCE LOCATION : LATITUDE 37.42N
LONGITUDE 141.03E
NAME FUKUSHIMA DAIICHI, JAPAN
ASSUMED TOTAL EMISSION : 1 BECQUEREL
UNIFORM RELEASE FROM 20- 500M ABOVE THE GROUND
UNIT : (BQ.S/M3)
MAXIMUM : 4.49E-9 (BQ.S/M3)
CONTOURS: 1E-10, 1E-12, 1E-14

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。

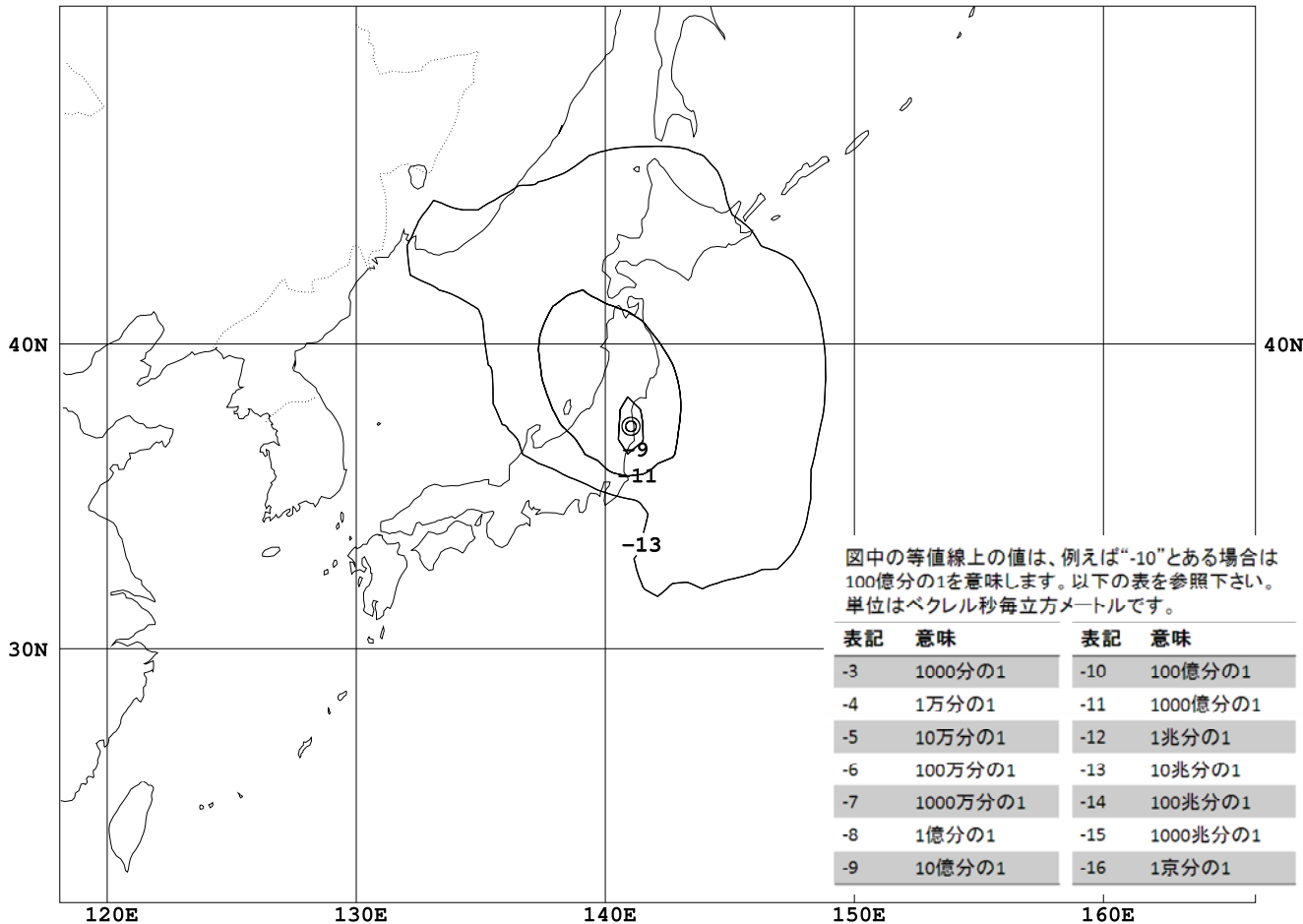
note from Japan Meteorological Agency:

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☐ DELEGATED AUTHORITY REQUESTED
☐ IAEA NOTIFIED EMERGENCY

TIME INTEGRATED SURFACE - 500M LAYER CONCENTRATION

INTEGRATED FROM 00UTC 22 APR 2011
TO 00UTC 23 APR 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。

(ISSUED 0508UTC 20 APR 2011)

ASSUMED POLLUTANT RELEASED : I -131
START OF THE EMISSION : 0400UTC 20 APR 2011
END OF THE EMISSION : 0400UTC 23 APR 2011
◎ SOURCE LOCATION : LATITUDE 37.42N
LONGITUDE 141.03E
NAME FUKUSHIMA DAIICHI, JAPAN
ASSUMED TOTAL EMISSION : 1 BECQUEREL
UNIFORM RELEASE FROM 20- 500M ABOVE THE GROUND
UNIT : (BQ.S/M3)
MAXIMUM : 1.89E-9 (BQ.S/M3)
CONTOURS: 1E-9, 1E-11, 1E-13

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。

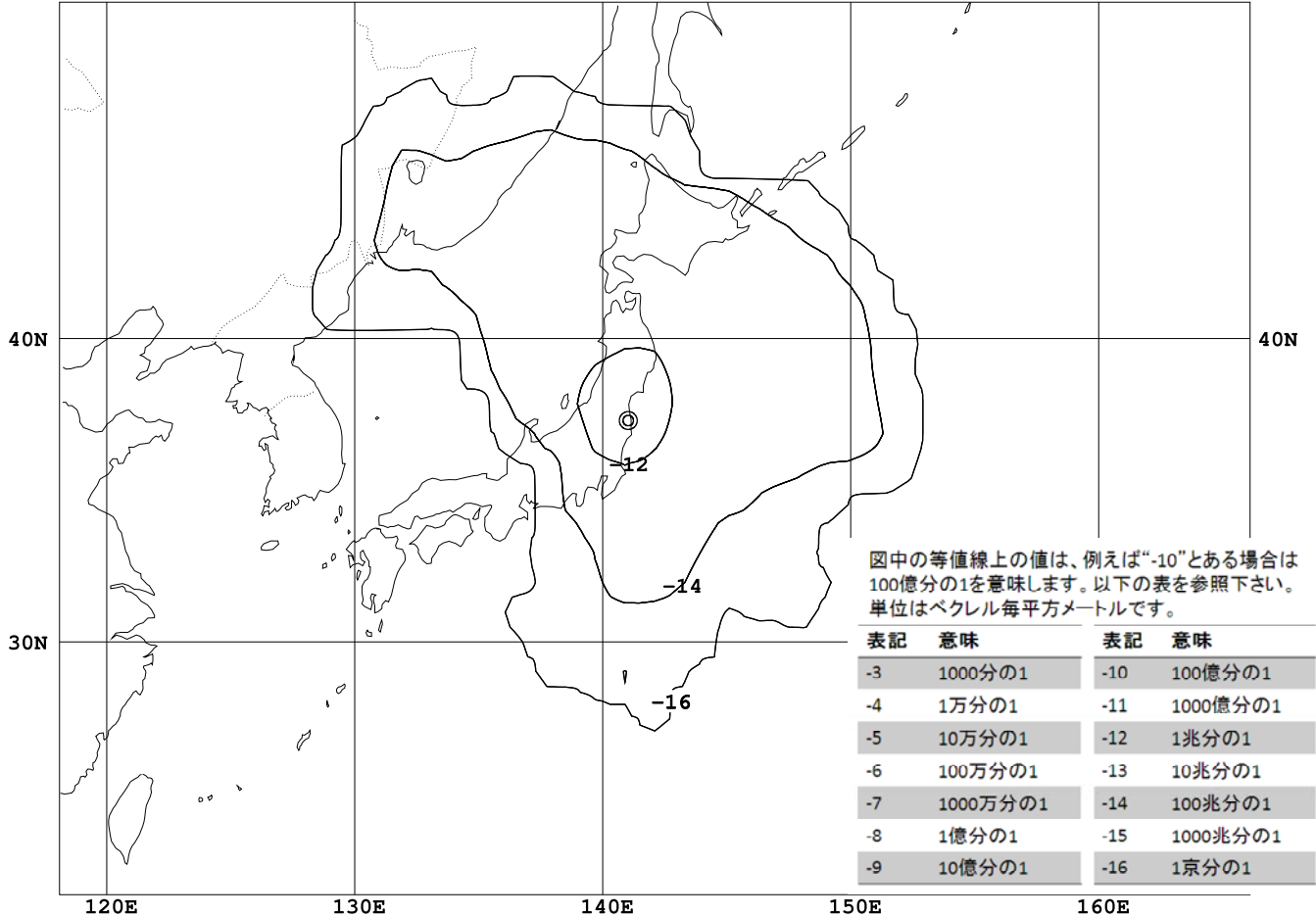
note from Japan Meteorological Agency:

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☐ DELEGATED AUTHORITY REQUESTED
☐ IAEA NOTIFIED EMERGENCY

TOTAL (WET AND DRY) DEPOSITION

INTEGRATED FROM 04UTC 20 APR 2011
TO 00UTC 23 APR 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。

(ISSUED 0508UTC 20 APR 2011)

ASSUMED POLLUTANT RELEASED : I -131
START OF THE EMISSION : 0400UTC 20 APR 2011
END OF THE EMISSION : 0400UTC 23 APR 2011
◎ SOURCE LOCATION : LATITUDE 37.42N
LONGITUDE 141.03E
NAME FUKUSHIMA DAIICHI, JAPAN
ASSUMED TOTAL EMISSION : 1 BECQUEREL
UNIFORM RELEASE FROM 20- 500M ABOVE THE GROUND
UNIT : (BQ/M2)
MAXIMUM : 1.02E-11 (BQ/M2)
CONTOURS: 1E-12, 1E-14, 1E-16

CONTOUR VALUES MAY CHANGE FROM CHART TO CHART

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。

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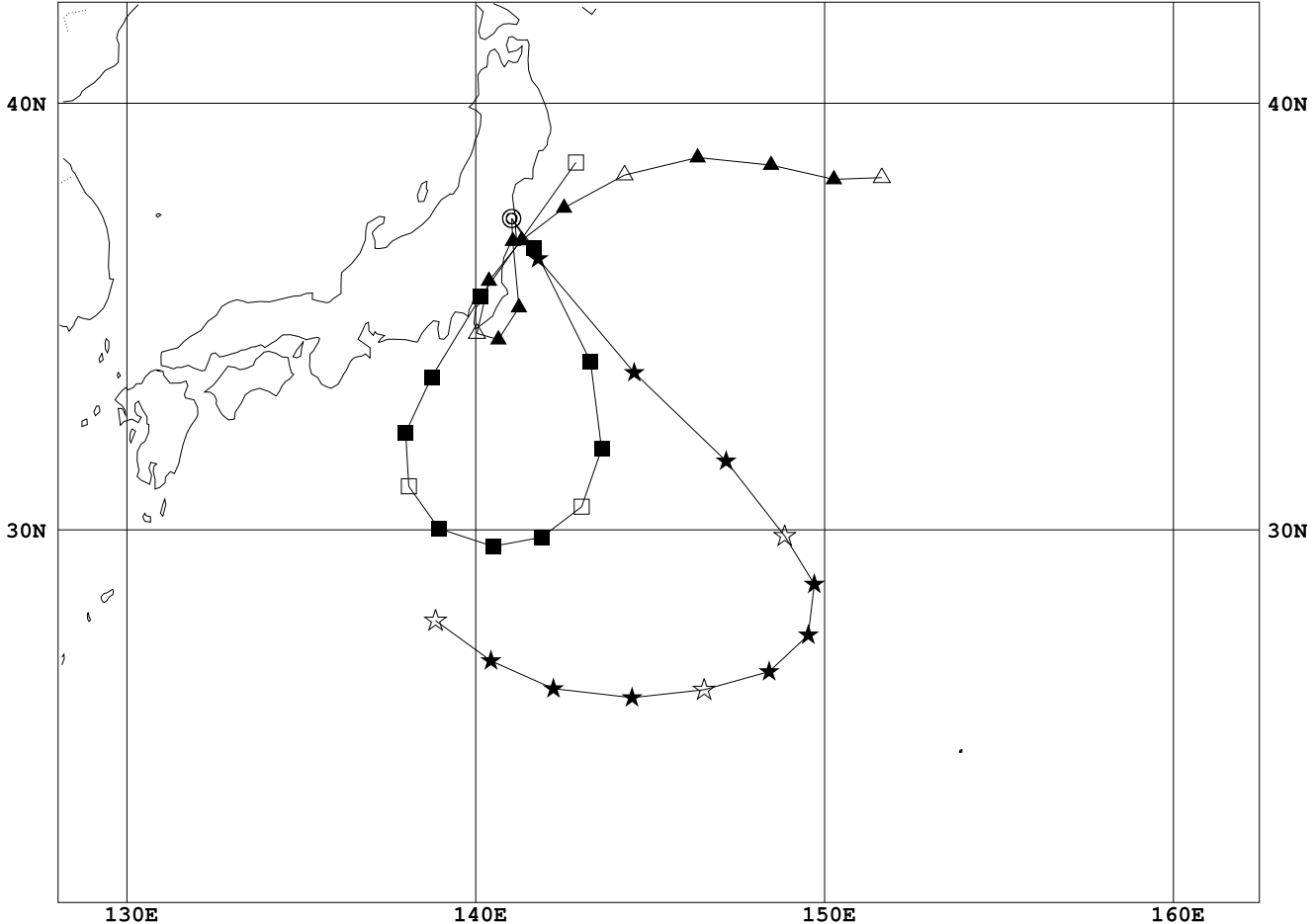
note from Japan Meteorological Agency:

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□ DELEGATED AUTHORITY REQUESTED
 □ IAEA NOTIFIED EMERGENCY

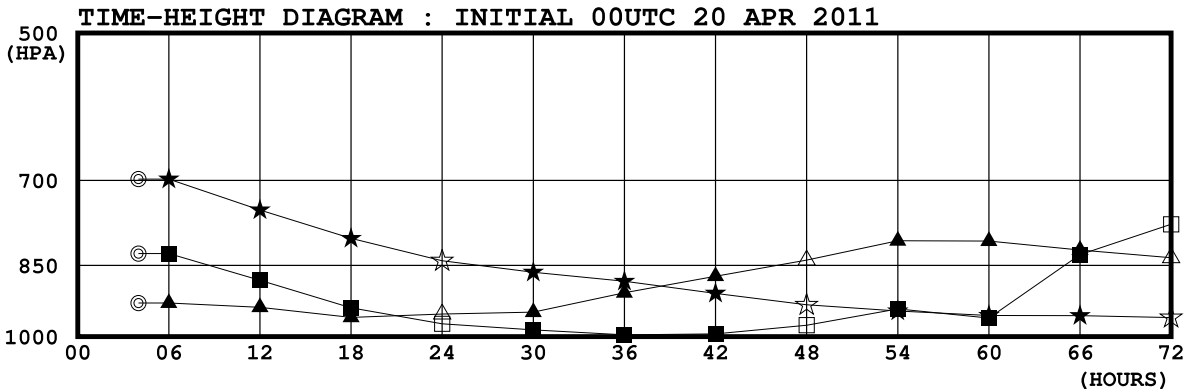
3-D TRAJECTORY

FROM 04UTC 20 APR 2011 TO 00UTC 23 APR 2011



(ISSUED 0508UTC 20 APR 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



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

RELEASE CHARACTERISTICS:

START OF RELEASE: Date/Time: 2011-04-20/4:00(UTC)

DURATION: 72 (hours) or END OF RELEASE: Date/Time: - - / : (UTC)

RADIONUCLIDE SPECIES: I-131

TOTAL RELEASE QUANTITY: 1 Bq (Becquerel)

OR POLLUTANT RELEASE RATE: (Becquerel/hour)

EFFECTIVE HEIGHT OF RELEASE: surface or

release height: base: 20 (m), top:500 (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:

(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