

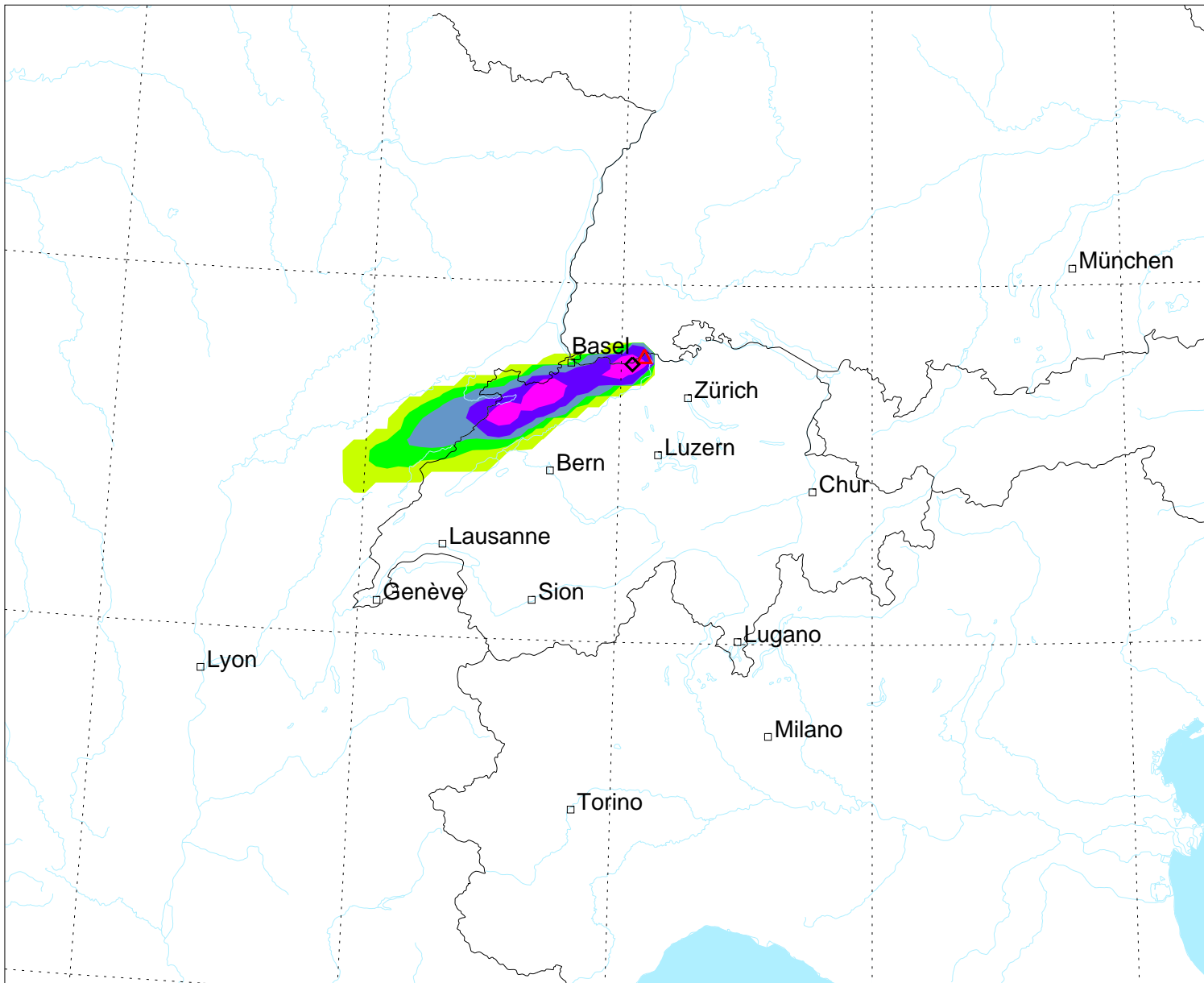
Surface Deposition

Release site: Leibstadt

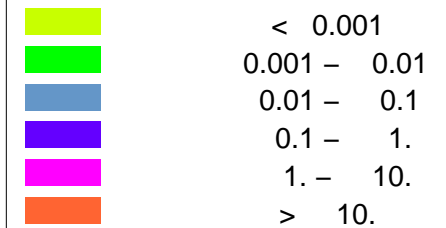
Cs-137

2012-02-20 12:00 UTC

T₀ + 06:00 h



Deposition (Bq m⁻²)



◇ Max.: 7.2498 Bq m⁻²
△ Source

Release

Latitude: 47° 36' N (=47.60° N)
Longitude: 8° 11' E (=8.18° E)
Height: 100 m AGL

Source Term

Start (T₀): 2012-02-20 06:00 UTC
End: 2012-02-23 00:00 UTC

Rate: 1E+06 Bq s⁻¹
Total Mass: 2.376E+11 Bq

Substance: Cs-137
Half-Life: 30.0 years
Deposition Vel.: 1.50E-03 m s⁻¹
Sedimentation Vel.: 3.87E-04 m s⁻¹
Washout Coefficient: 7.0E-05 s⁻¹
Washout Exponent: 0.80

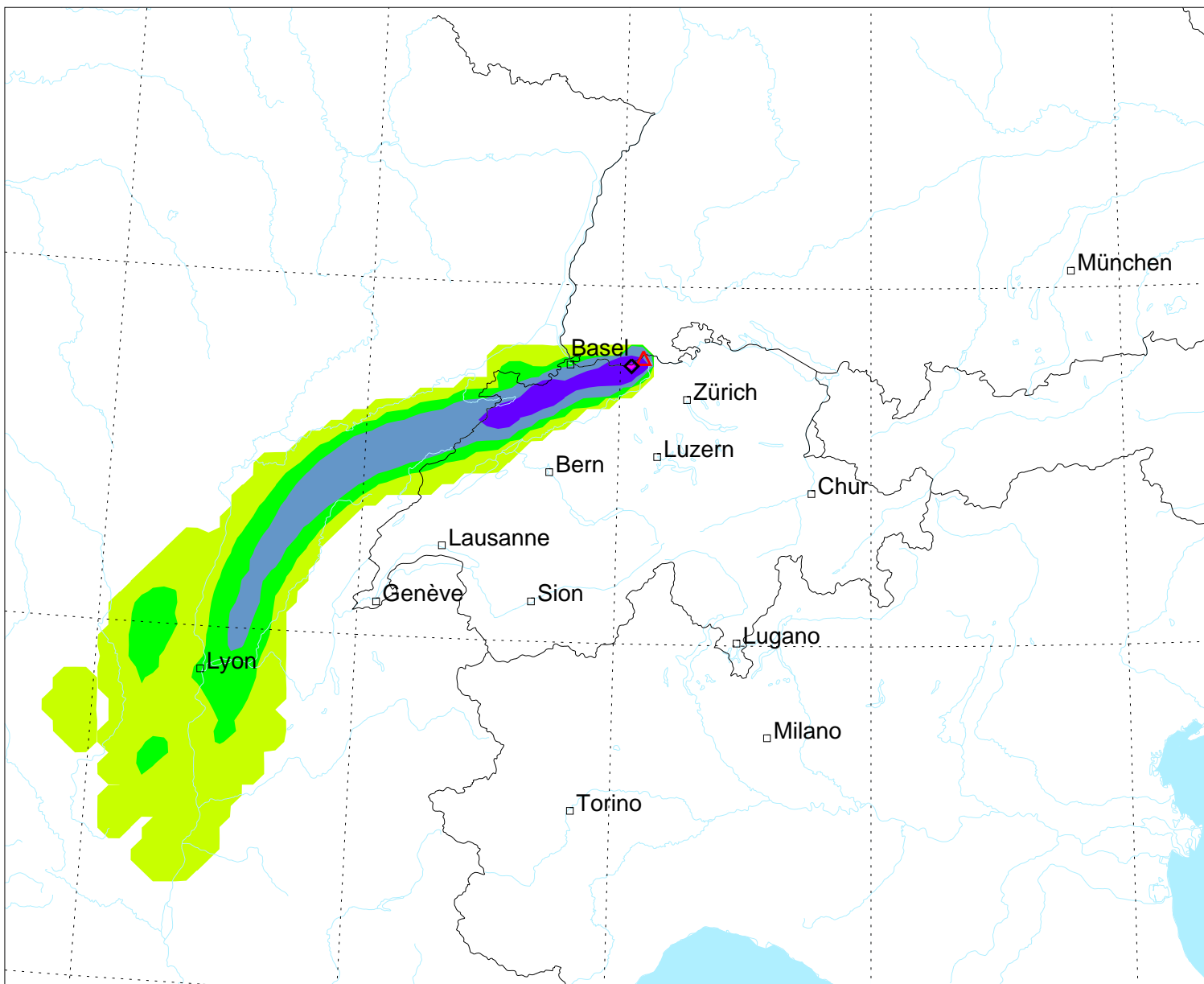
Surface Deposition

Release site: Leibstadt

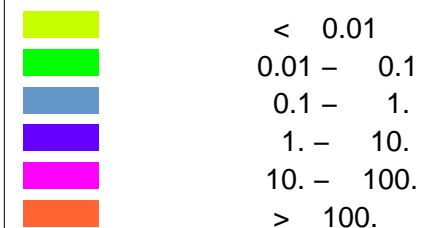
Cs-137

2012-02-20 18:00 UTC

T₀ + 12:00 h



Deposition (Bq m⁻²)



◇ Max.: 13.592 Bq m⁻²
△ Source

Release

Latitude: 47° 36' N (=47.60° N)
Longitude: 8° 11' E (=8.18° E)
Height: 100 m AGL

Source Term

Start (T₀): 2012-02-20 06:00 UTC
End: 2012-02-23 00:00 UTC

Rate: 1E+06 Bq s⁻¹
Total Mass: 2.376E+11 Bq

Substance: Cs-137
Half-Life: 30.0 years
Deposition Vel.: 1.50E-03 m s⁻¹
Sedimentation Vel.: 3.87E-04 m s⁻¹
Washout Coefficient: 7.0E-05 s⁻¹
Washout Exponent: 0.80

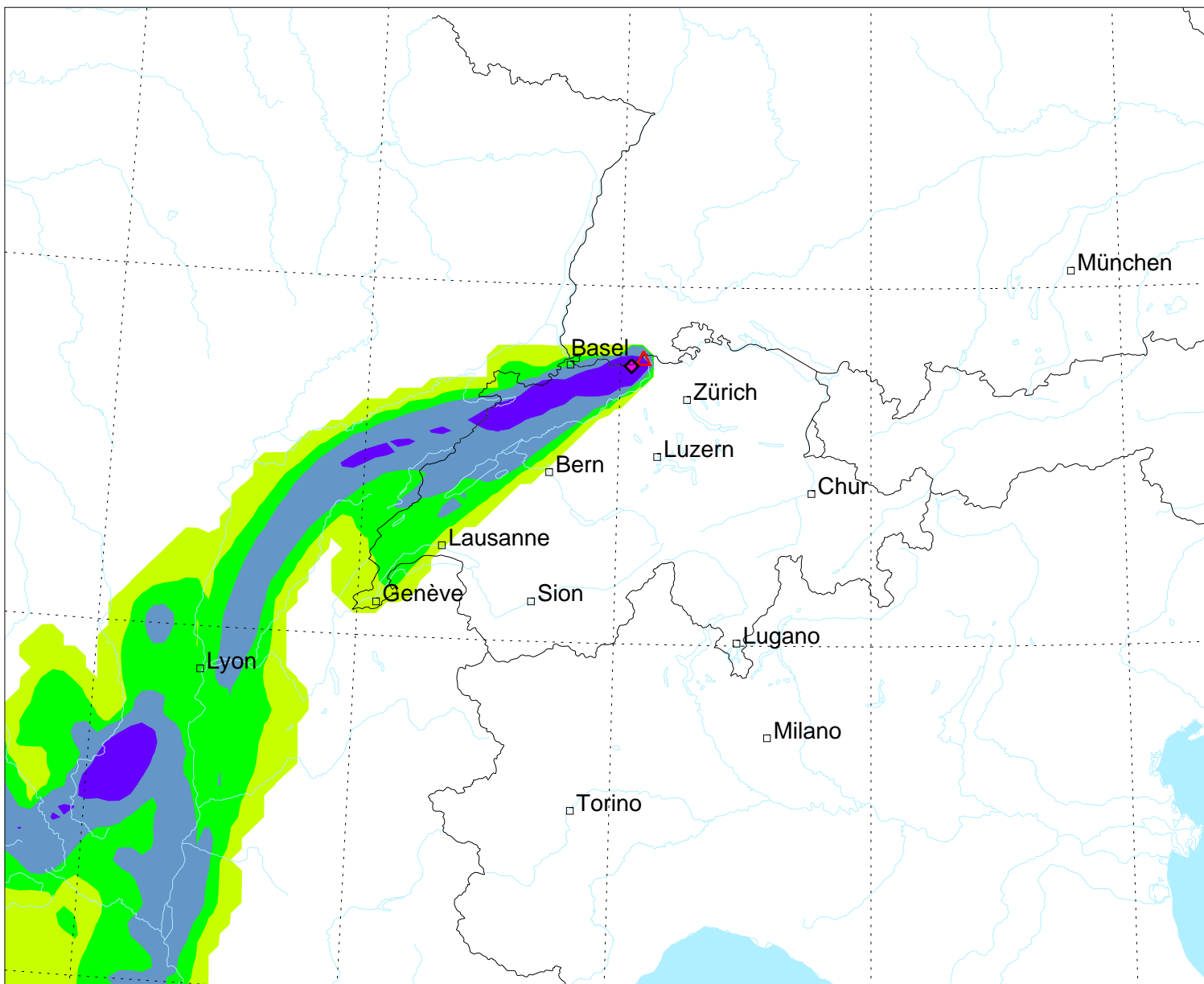
Surface Deposition

Release site: Leibstadt

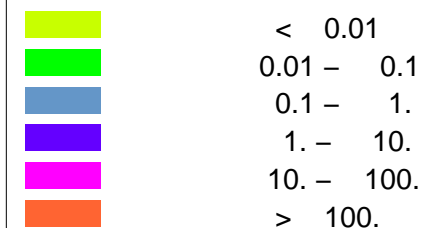
Cs-137

2012-02-21 00:00 UTC

T₀ + 18:00 h



Deposition (Bq m⁻²)



◇ Max.: 19.54 Bq m⁻²
△ Source

Release

Latitude: 47° 36' N (=47.60° N)
Longitude: 8° 11' E (=8.18° E)
Height: 100 m AGL

Source Term

Start (T₀): 2012-02-20 06:00 UTC
End: 2012-02-23 00:00 UTC

Rate: 1E+06 Bq s⁻¹
Total Mass: 2.376E+11 Bq

Substance: Cs-137
Half-Life: 30.0 years
Deposition Vel.: 1.50E-03 m s⁻¹
Sedimentation Vel.: 3.87E-04 m s⁻¹
Washout Coefficient: 7.0E-05 s⁻¹
Washout Exponent: 0.80

FLEXPART based on COSMO-7 2012-02-20 00:00 UTC

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