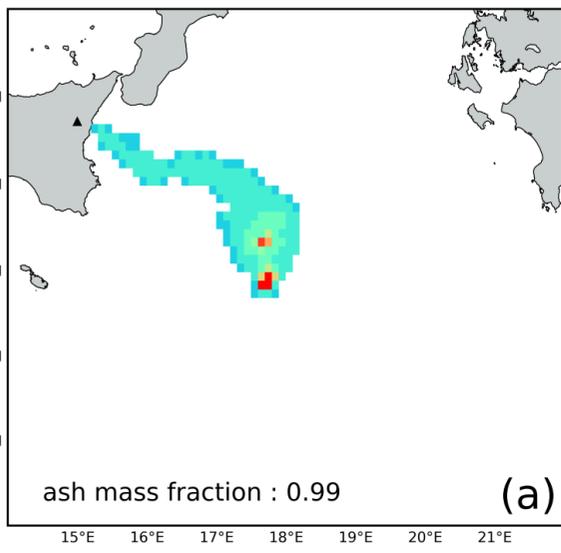


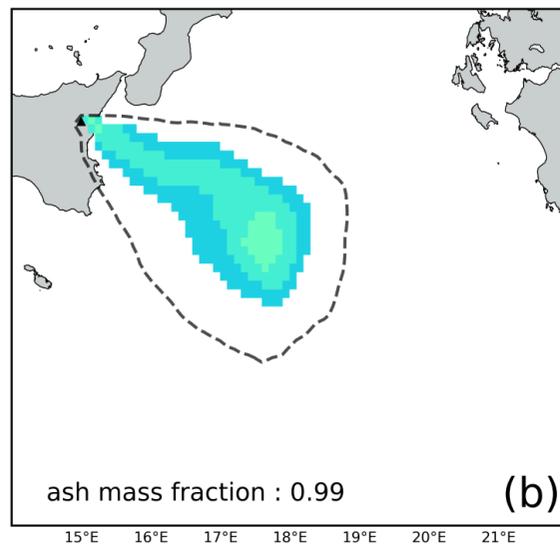
16:30 UTC, 24 Dec 2018

Observations: mean



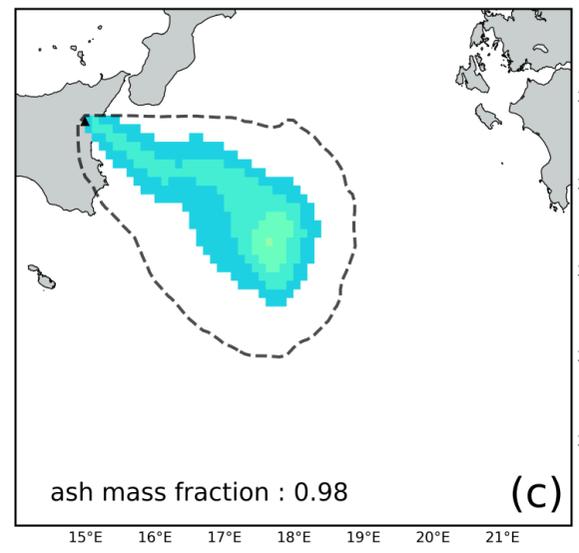
(a)

Forecast state: mean



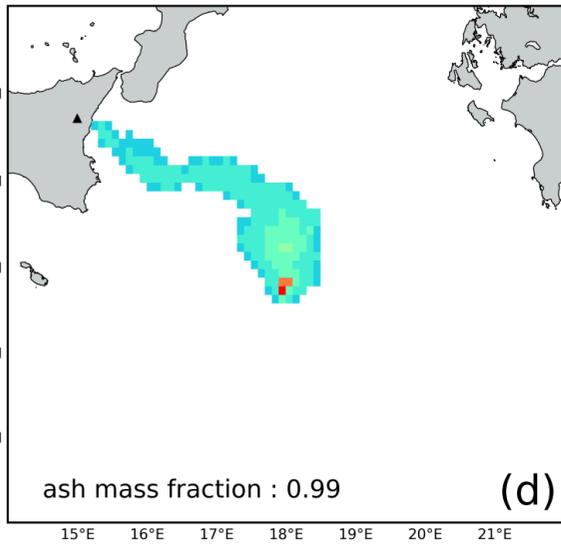
(b)

Analyzed state: mean

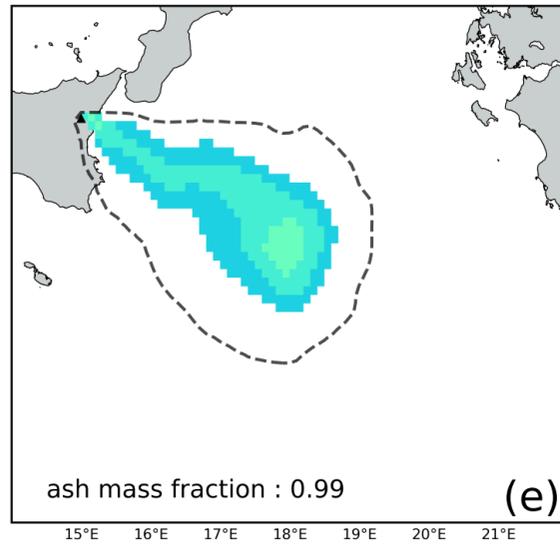


(c)

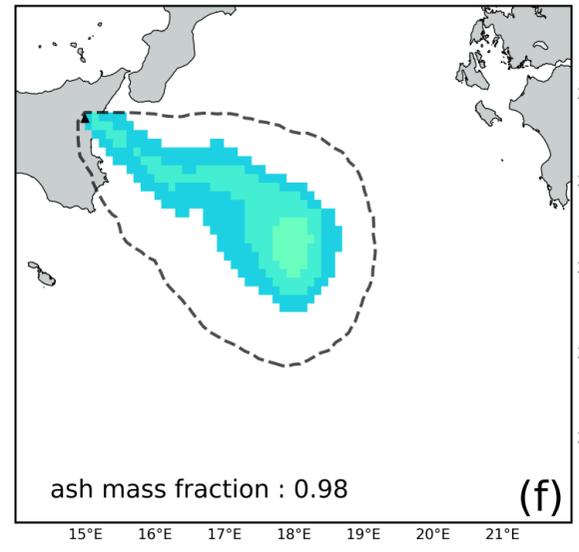
17:00 UTC, 24 Dec 2018



(d)

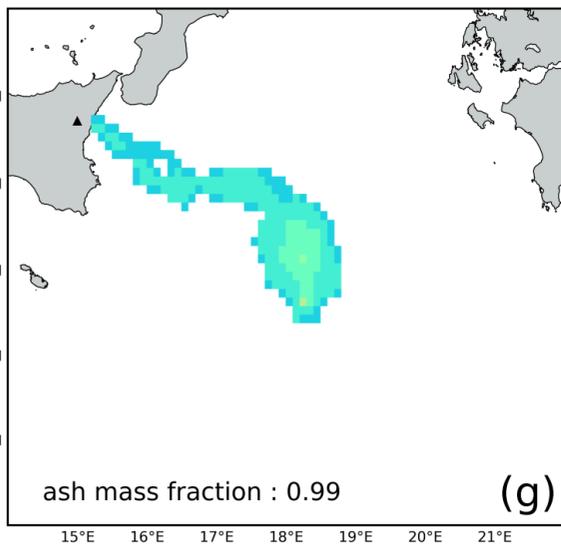


(e)

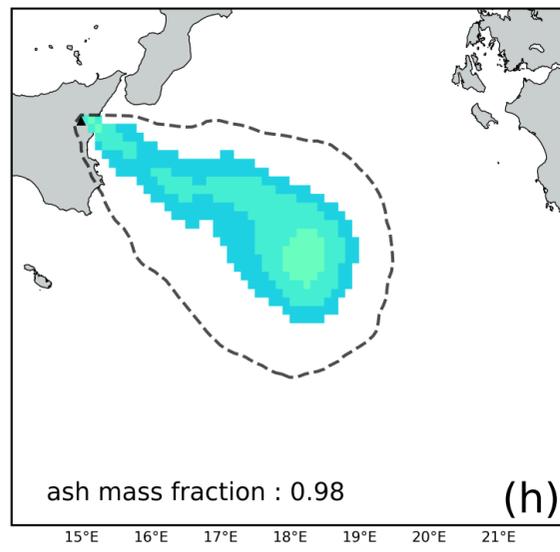


(f)

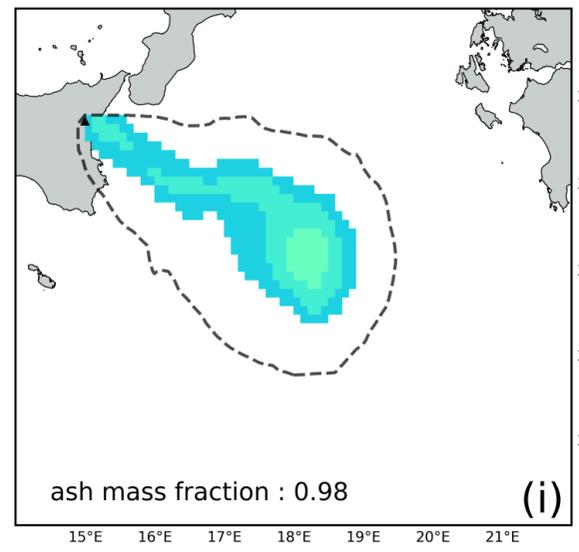
17:30 UTC, 24 Dec 2018



(g)

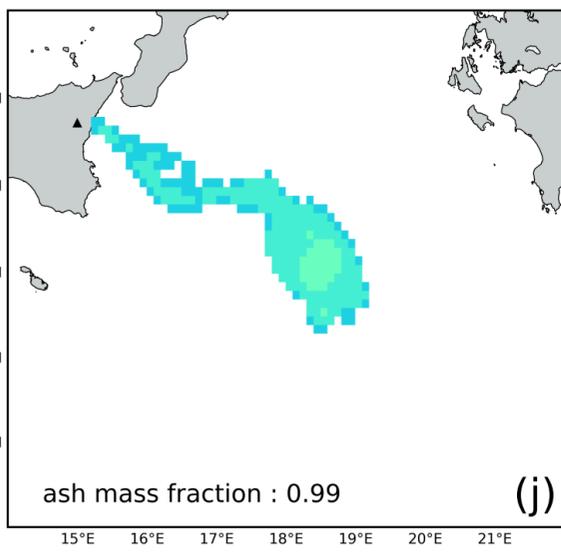


(h)

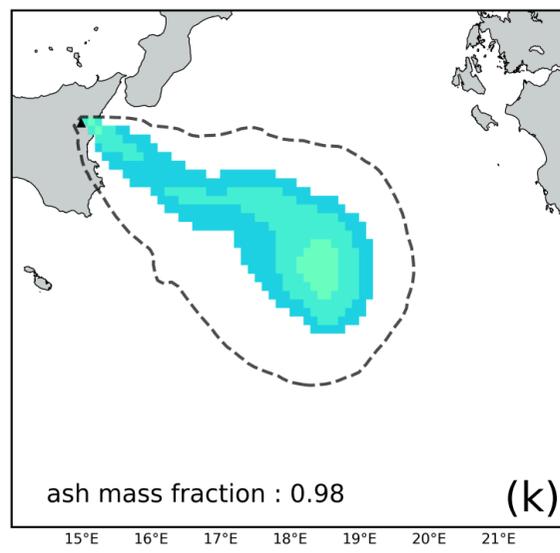


(i)

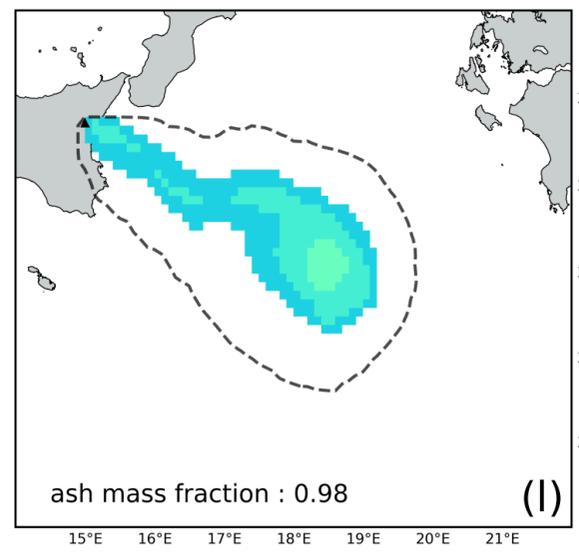
18:00 UTC, 24 Dec 2018



(j)

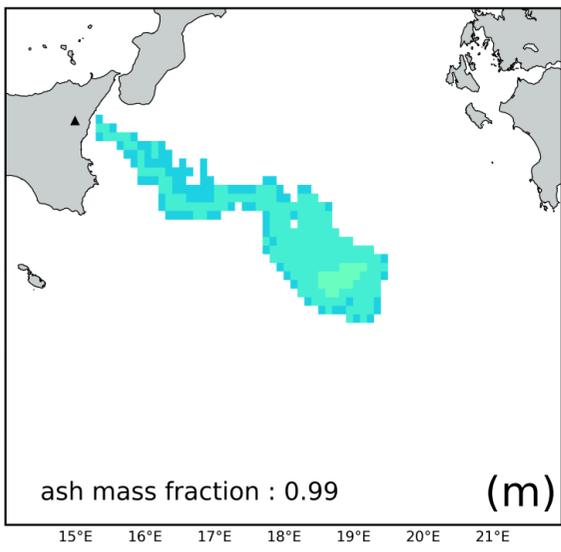


(k)

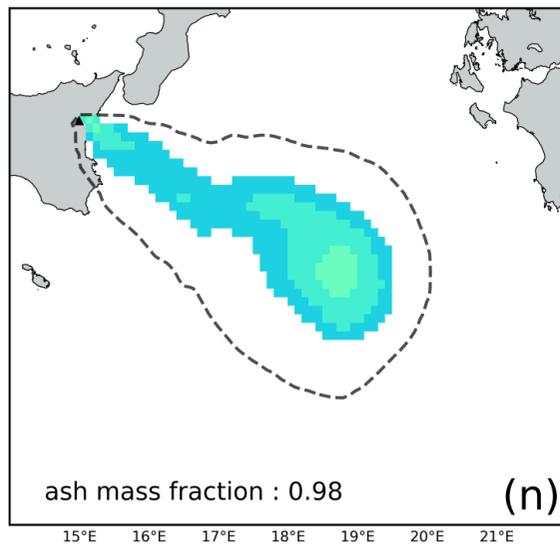


(l)

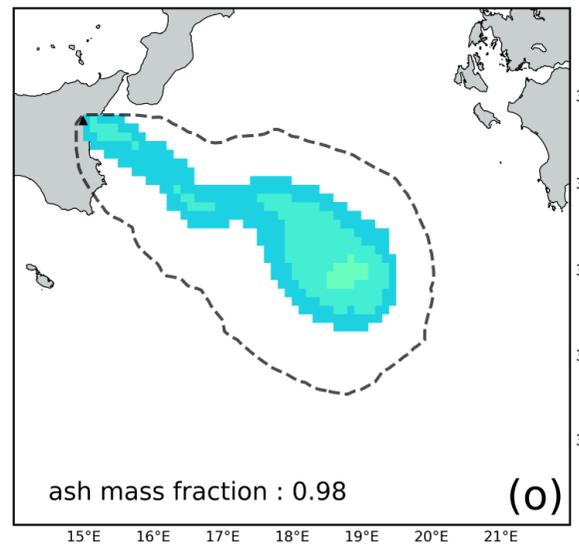
18:30 UTC, 24 Dec 2018



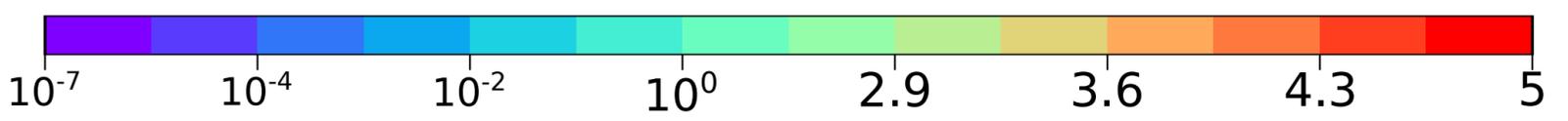
(m)



(n)



(o)



Ash mass [t km^{-2}]