Supplement of

A process-based anatomy of Mediterranean cyclones: from baroclinic lows to tropical-like systems

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Case-1; Date: 23/3/2016

Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case 2; Date: 29/2/2016

Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case 3; Date: 6/2/2015

Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case 4; Date: 7/2/2012

Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case 5; Date: 18/2/2011

Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-6; Date: 12/4/2009

Colour: Relative vorticity ($\times 10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-9; Date: 21/1/2017

Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-11; Date: 10/2/2010
Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-12; Date: 4/5/2010
Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-14; Date: 30/11/2014
Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-16; Date: 1/12/2013

Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-17; Date: 5/3/2008
Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-18; Date: 23/2/2013

Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case 19; Date: 26/1/2013

Colour: Relative vorticity \( (x10^{-5}) \) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-20; Date: 26/11/2015

Colour: Relative vorticity ($\times 10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-30; Date: 19/10/2010

Colour: Relative vorticity (x10^-5) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Colour: Relative vorticity ($\times 10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre

Case 31; Date: 27/3/2014
Case-32; Date: 6/11/2017
Colour: Relative vorticity \( (x10^{-5}) \) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case 34; Date: 15/5/2010

Colour: Relative vorticity ($\times 10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-35; Date: 8/3/2010

Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case: 36; Date: 14/1/2010
Colour: Relative vorticity (x10^-5) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case: 38; Date: 28/11/2008

Colour: Relative vorticity \((x10^{-5})\)  | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-40; Date: 8/2/2008

Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case 42; Date: 2/3/2011

Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-43; Date: 18/2/2014

Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case: 44; Date: 23/4/2014

Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-46; Date: 7/11/2014
Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-47; Date: 9/2/2017

Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case 48; Date: 16/12/2008

Colour: Relative vorticity (x10^-5) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-51; Date: 23/1/2013

Colour: Relative vorticity (x10^-5) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case: 52; Date: 25/10/2010
Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-54; Date: 4/6/2014
Colour: Relative vorticity ($\times 10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-56; Date: 14/4/2012

Colour: Relative vorticity (x10^-5) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-57; Date: 25/3/2017

Colour: Relative vorticity ($\times10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case 59; Date: 7/4/2016
Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-60; Date: 22/12/2008
Colour: Relative vorticity ($\times 10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-65; Date: 27/1/2009
Colour: Relative vorticity (x10⁻⁵) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case 67; Date: 25/2/2017

Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-71; Date: 21/6/2009

Colour: Relative vorticity ($\times 10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-76; Date: 13/11/2017
Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-79; Date: 10/2/2015

Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-81; Date: 11/12/2010
Colour: Relative vorticity ($\times 10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case: 82; Date: 7/3/2017

Colour: Relative vorticity (x10^-5) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-83; Date: 21/3/2009

Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-84; Date: 22/12/2011

Colour: Relative vorticity (x10^-5) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-85; Date: 7/4/2013
Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case: 88; Date: 13/3/2014
Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-89; Date: 11/11/2017

Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-90; Date: 20/5/2008

Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre
Case-92; Date: 8/12/2014

Colour: Relative vorticity ($x10^{-5}$) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)

Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre

[Map showing relative vorticity and SLP contours with geographical coordinates]
Colour: Relative vorticity (x10^{-5}) | Contour: SLP (from 1018 hPa with an interval of 2 hPa)
Thick contours: 990, 1000 and 1010 hPa of SLP | Magenta dot: cyclone centre