

## ΑΝΑΛΥΣΗ ΚΑΙ ΠΡΟΓΝΩΣΗ ΚΑΙΡΟΥ (1)

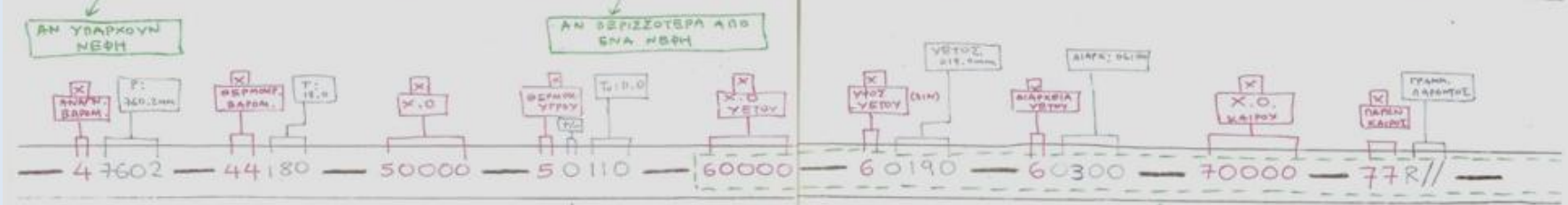
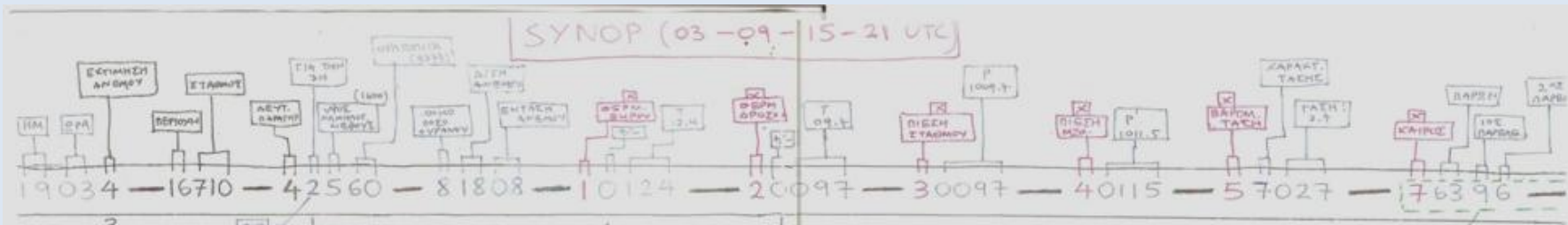
1. Μετρήσεις μετεωρολογικών παραμέτρων επιφανείας και ανώτερης ατμόσφαιρας.
2. Κωδικοποίηση μετρήσεων – Συνοπτικό τηλεγράφημα (SYNOP)
3. Κατασκευή χαρτών μετεωρολογικών παρατηρήσεων επιφανείας και ανώτερης ατμόσφαιρας.
4. Κατασκευή πλέγματος αρχικών συνθηκών για το μοντέλο αριθμητικής πρόγνωσης καιρού παγκόσμιας κλίμακας.
5. Εξαγωγή προγνωστικών τιμών των διαφόρων μετεωρολογικών παραμέτρων και κατασκευή των αντίστοιχων προγνωστικών χαρτών στις διάφορες στάθμες της ατμόσφαιρας.
6. Κατασκευή αρχικών και συνοριακών συνθηκών για τα περιοχικά αριθμητικά μοντέλα υψηλής ανάλυσης με στόχο τη λεπτομερέστερη χρονικά και χωρικά πρόγνωση του καιρού για την περιοχή ενδιαφέροντος.

## ΑΝΑΛΥΣΗ ΚΑΙ ΠΡΟΓΝΩΣΗ ΚΑΙΡΟΥ (2)

7. Εξαγωγή προγνωστικών τιμών των διαφόρων μετεωρολογικών παραμέτρων σε υψηλή ανάλυση και κατασκευή των αντίστοιχων προγνωστικών χαρτών για την ευρύτερη περιοχή ενδιαφέροντος.
8. Εξαγωγή μετεωγραμμάτων και προειδοποιήσεων ακραίων καιρικών φαινομένων για τις διάφορες περιοχές ενδιαφέροντος.
9. Αξιολόγηση των δορυφορικών εικόνων και των μετρήσεων του ραντάρ καιρού σε συνδυασμό με τα αποτελέσματα των αριθμητικών μοντέλων για την εκτίμηση της κατάστασης του καιρού για τις αμέσως επόμενες ώρες (nowcasting).
10. Αξιολόγηση των αποτελεσμάτων των αριθμητικών μοντέλων για την πρόγνωση καιρού των επόμενων ημερών.
11. Κατασκευή δελτίου καιρού.



# ΣΥΝΟΠΤΙΚΟ ΤΗΛΕΓΡΑΦΗΜΑ (2)

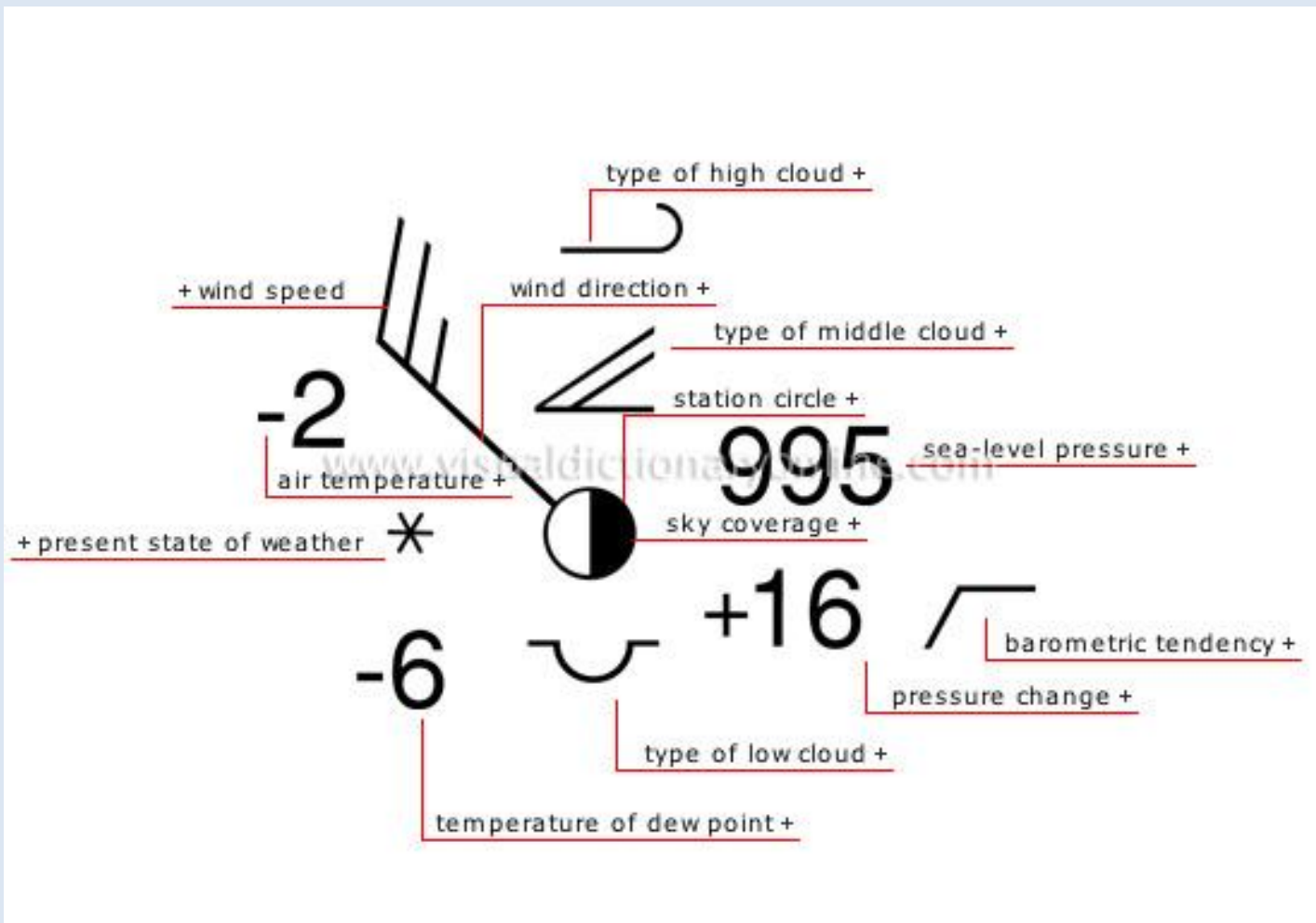


κ. 1677 για < 5000ft → 1000ft → 10  
 5000ft → 50  
 για > 5000ft → 6000ft → 56  
 8000ft → 58  
 10000ft → 60  
 20000ft → 70

κ. 1600: 0 (0-500m) 4 (300-600m) 8 (800-1200m)  
 1 (50-100m) 5 (600-1000m) 9 (> 2500m)  
 2 (100-200m) 6 (1000-1500m) / (αμφότερα)  
 3 (200-300m) 7 (1500-2000m)


κ. 4377 για < 5km 1km → 10  
 2km → 20  
 5km → 50  
 για > 5km 6km → 56  
 10km → 60

# ΑΠΕΙΚΟΝΙΣΗ ΜΕΤΕΩΡΟΛΟΓΙΚΩΝ ΠΑΡΑΤΗΡΗΣΕΩΝ ΣΕ ΧΑΡΤΗ ΚΑΙΡΟΥ (1)



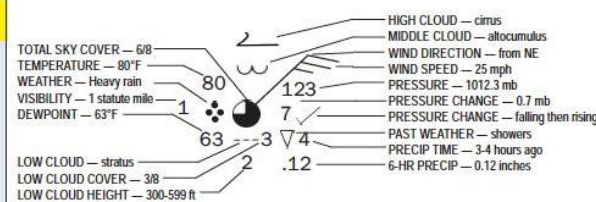
# ΑΠΕΙΚΟΝΙΣΗ ΜΕΤΕΩΡΟΛΟΓΙΚΩΝ ΠΑΡΑΤΗΡΗΣΕΩΝ ΣΕ ΧΑΡΤΗ ΚΑΙΡΟΥ (2)

## Observation and Plotting



## CONVERSIONS

MPH = knots x 1.15  
 m/s x 2.2366  
 Knots = MPH x 0.6896  
 m/s x 1.944  
 m/s = knots x 0.5144  
 Deg F = (Deg C x 1.8) + 32  
 Deg C = ((Deg F - 32) x 0.555)  
 Deg K = Deg C + 273.16  
 Deg K = ((Deg F - 32) x 0.555) + 273.16  
 mb = inches x 33.8636  
 inches = mb x 0.029530233



## MISCELLANEOUS SYMBOLS

The numbers pertain to code representations used in transmitted reports, and the pictograms are used as part of a station plot.

N Total sky cover	a Pressure trend	W Past weather	C <sub>1</sub> Low cloud	C <sub>2</sub> Middle cloud	C <sub>3</sub> High cloud
0  No clouds.	0  Rising then falling.	0  Cloud covering half or less of sky throughout period.	0  No low clouds.	0  No middle clouds.	0  No high clouds.
1  1/8, or 1 tenth cloud cover.	1  Rising, then steady or rising, then rising more slowly.	1  Cloud covering both more than half and less than half of sky during period.	L1  CUMULUS, with little vertical development and seemingly flattened.	M1  ALTOSTRATUS, semitransparent, thin enough to see sun/moon.	H1  CIRRUS, in the form of filaments or hooks, not invading the sky.
2  2/8, or 2 to 3 tenths cloud cover.	2  Rising, steadily or unsteadily.	2  Cloud covering more than half of sky throughout period.	L2  CUMULUS, of considerable size; towering cumulus.	M2  ALTOSTRATUS or NIMBOSTRATUS. The sun/moon can't be seen.	H2  CIRRUS, dense, and in patches or sheeted showers, not invading sky.
3  3/8, or 4 tenths cloud cover.	3  Falling or steady then falling or rising then rising more rapidly.	3  Sandstorm, or duststorm, or shifting or blowing snow.	L3  STRATOCUMULUS, tops are not fibrous, uniform, or semi-topped.	M3  ALTOCUMULUS, at single level, and semitransparent.	H3  CIRRUS, often associated with cumulonimbus.
4  4/8, or 5 tenths cloud cover.	4  Steady.	4  Fog or thick haze.	L4  STRATOCUMULUS, formed by the spreading out of cumulus.	M4  ALTOCUMULUS, in patches, continuously changing.	H4  CIRRUS, in the form of hooks or filaments, invading the sky.
5  5/8, or 6 tenths cloud cover.	5  Falling, then rising.	5  Drizzle.	L5  STRATOCUMULUS, not formed by the spreading out of cumulus.	M5  ALTOCUMULUS, invading sky and usually thickening.	H5  CIRRUS or CIRRO-STRATUS, steady sky, bulk not 47° above horizon.
6  6/8, or 7 to 8 tenths cloud cover.	6  Falling, then steady or falling, then falling more slowly.	6  Rain.	L6  STRATUS, in continuous layer or sheets. No stratus of low weather.	M6  ALTOCUMULUS, formed by spreading out of cumulus.	H6  CIRRUS or CIRRO-STRATUS, invading sky bulk not 47° above horizon.
7  7/8, or 8 tenths cloud cover.	7  Falling, steadily or unsteadily.	7  Snow.	L7  STRATUS, of low weather (sca), and often with nimbostratus.	M7  ALTOCUMULUS, not invading sky usually double-layered/paque.	H7  CIRROSTRATUS, completely covering the sky.
8  Sky completely covered with clouds.	8  Steady or rising, then falling or falling, then falling more rapidly.	8  Showers.	L8  STRATOCUMULUS and CUMULUS with bases at different levels and not formed by spreading Cu.	M8  ALTOCUMULUS, in the form of cumulonimbus (castellatus).	H8  CIRROSTRATUS, not invading the sky and not completely covering sky.
9  Sky obscured (clouds not visible due to rain, snow fog, or other obscuration).	9  NOT USED	9  Thunderstorm, with or without precipitation.	L9  CUMULONIMBUS, whose tops are clearly fibrous or anvil-shaped.	M9  ALTOCUMULUS, with many layers in chaotic sky.	H9  CIRROCUMULUS, protruding all other cloud-forms.

## WEATHER SYMBOLS

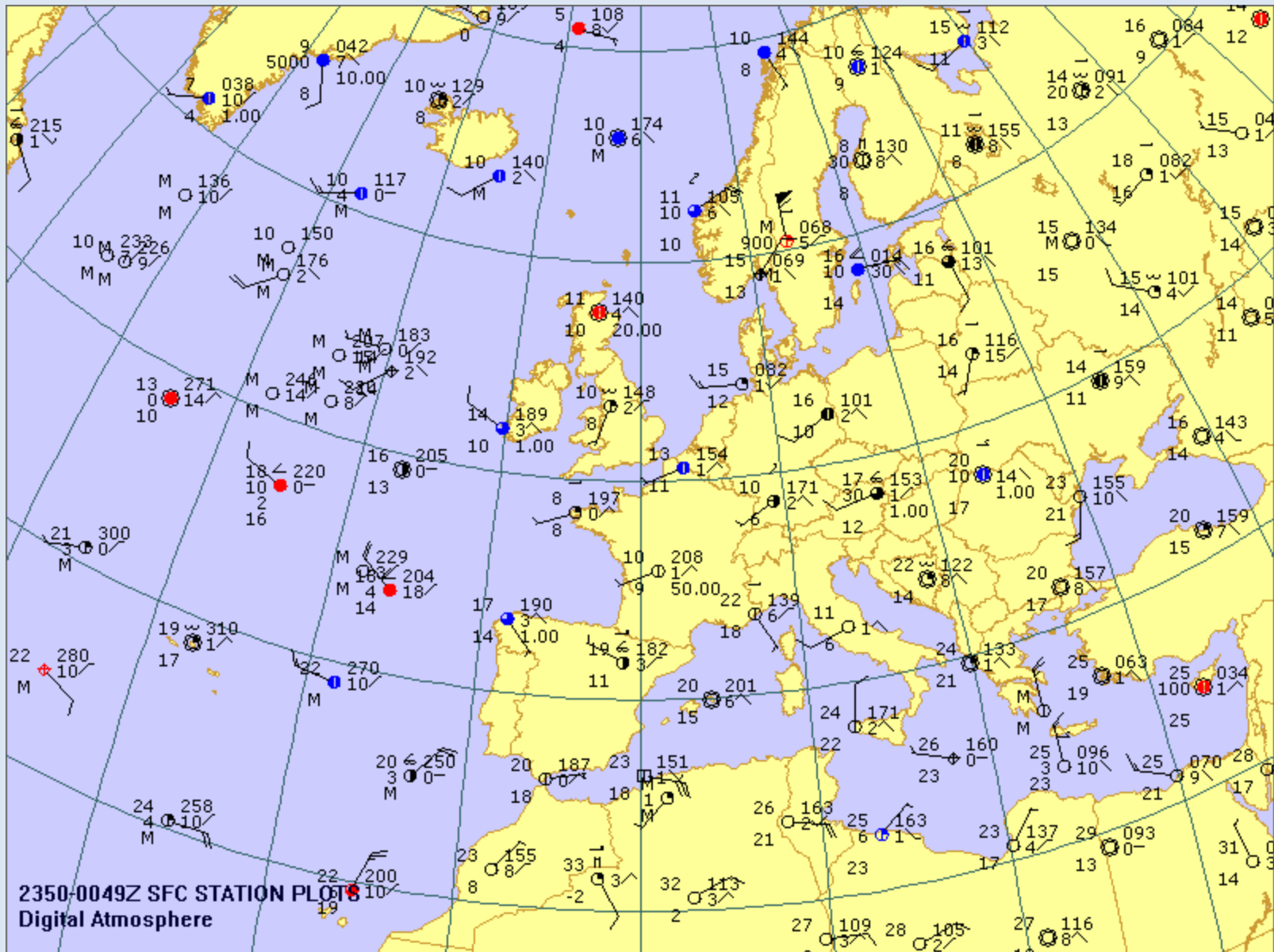
Numbers indicate the weather code as used in synoptic weather reports (see present weather reported from a manned weather station, as defined in WMO Pub. No. 306-A).

00  Cloud development not observed/observable during past hour.	01  Clouds generally dissolving during past hour.	02  State of sky unchanged during past hour.	03  Clouds generally forming or developing during past hour.	04  Visibility reduced by smoke.	05  Haze.	06  Dust suspended in the air, but not raised by wind.	07  Dust or sand raised by wind.	08  Dust devils now or within sight.	09  Duststorm or sandstorm not at station but within sight.
10  Mist.	11  Patches of shallow fog at station, not deeper than 2 m (10 m at sea).	12  Continuous shallow fog at station, not deeper than 2 m (10 m at sea).	13  Lightning visible, but no thunder heard.	14  Precipitation visible but not reaching ground at station.	15  Precipitation reaching the ground not at or near the station but at a distance.	16  Precipitation reaching the ground not at the station but nearby.	17  Thunder heard but no precipitation at the station.	18  Wind squall now or during the past hour.	19  Tornado, waterspout, or funnel-cloud observed now or during past hour.
20  Recent drizzle (not freezing, not showers) during past hour.	21  Recent rain (not freezing, not showers) during past hour.	22  Recent snow (not freezing, not showers) during past hour.	23  Recent rain and snow (not showers) during past hour.	24  Freezing drizzle or rain (not showers), not now but during past hour.	25  Rain showers, not now but during past hour.	26  Snow showers, not now but during past hour.	27  Hail or hail and rain, not now but during past hour.	28  Fog, not now but during past hour.	29  Thunderstorm, with or without precipitation, not now but during past hour.
30  Slight/moderate duststorm or sandstorm, decreased during hour.	31  Slight/moderate duststorm or sandstorm, no change during hour.	32  Slight/moderate duststorm or sandstorm, increased during hour.	33  Severe duststorm or sandstorm, has decreased during hour.	34  Severe duststorm or sandstorm, no change during past hour.	35  Duststorm or sandstorm, severe, has increased during past hour.	36  Drifting snow, slight or moderate.	37  Drifting snow, heavy.	38  Blowing snow, slight or moderate.	39  Blowing snow, heavy.
40  Fog at a distance but not at station during past hour.	41  Patchy fog.	42  Fog, sky discernible and has become thinner during past hour.	43  Fog, sky not discernible, and has become thinner during past hour.	44  Fog, sky discernible, no change during past hour.	45  Fog, sky not visible, no change during past hour.	46  Fog, sky visible, has begun or become thicker during past hour.	47  Fog, sky not visible, has begun or become thicker during past hour.	48  Freezing fog, sky visible.	49  Freezing fog, sky not visible.
50  Drizzle, light, intermittent, not freezing.	51  Drizzle, light, continuous, not freezing.	52  Drizzle, moderate, intermittent, not freezing.	53  Drizzle, moderate, continuous, not freezing.	54  Drizzle, heavy, continuous, not freezing.	55  Freezing drizzle, light.	56  Freezing drizzle, moderate or heavy.	57  Drizzle and rain mixed, light.	58  Drizzle and rain mixed, moderate or heavy.	59  Drizzle and rain mixed, moderate or heavy.
60  Rain, light, intermittent, not freezing.	61  Rain, light, continuous, not freezing.	62  Rain, moderate, intermittent, not freezing.	63  Rain, moderate, continuous, not freezing.	64  Rain, heavy, intermittent, not freezing.	65  Rain, heavy, continuous, not freezing.	66  Freezing rain, light.	67  Freezing rain, moderate or heavy.	68  Rain and snow mixed, light.	69  Rain and snow mixed, moderate or heavy.
70  Snow, light, intermittent.	71  Snow, light, continuous.	72  Snow, moderate, intermittent.	73  Snow, moderate, continuous.	74  Snow, heavy, intermittent.	75  Snow, heavy, continuous.	76  Ice needles, with or without fog.	77  Snow grains, with or without fog.	78  Snow crystals, with or without fog.	79  Ice pellets (sleet).
80  Rain showers, light.	81  Rain showers, moderate or heavy.	82  Rain showers, torrential.	83  Rain/snow showers mixed, light.	84  Rain/snow showers mixed, moderate or heavy.	85  Snow showers, light.	86  Snow showers, moderate or heavy.	87  Ice pellet showers, light.	88  Ice pellet showers, moderate or heavy.	89  Hail, light, not associated with thunder.
90  Hail, moderate or heavy not associated with thunder.	91  Rain, light. Thunder heard during past hour but not now.	92  Rain, moderate or heavy Thunder heard during past hour but not now.	93  Light snow or rain/snow mixed with hail. Thunder heard during past hour.	94  Moderate or heavy snow or rain/snow with hail. Thunder heard during past hour.	95  Thunderstorm, light or moderate. Rain or snow, but no hail.	96  Thunderstorm, light or moderate, with hail.	97  Thunderstorm, severe, rain or snow, but no hail.	98  Thunderstorm, with duststorm or sandstorm.	99  Thunderstorm, severe, with hail.

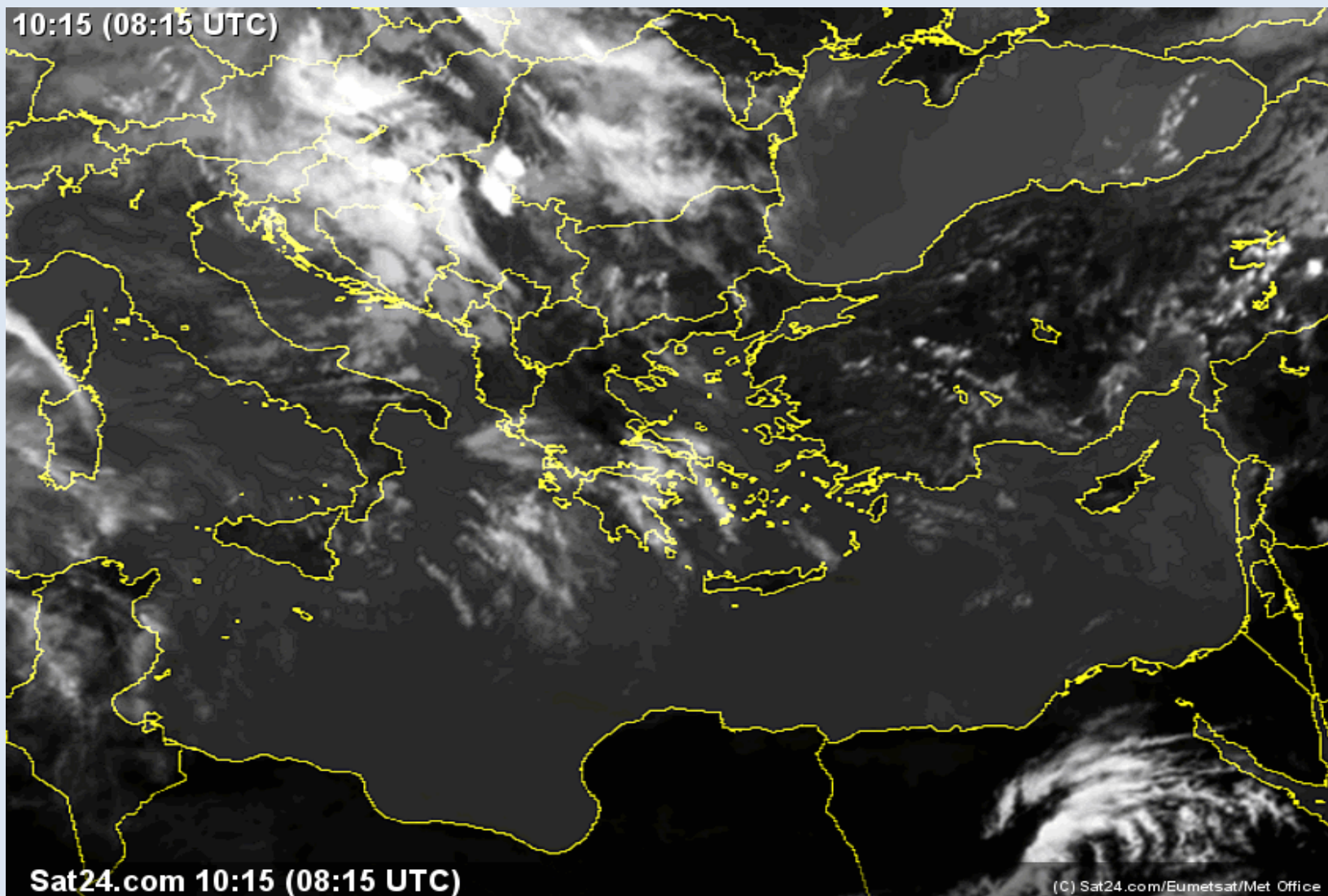
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# ΠΑΡΑΔΕΙΓΜΑ ΧΑΡΤΗ ΜΕΤΕΩΡΟΛΟΓΙΚΩΝ ΠΑΡΑΤΗΡΗΣΕΩΝ ΕΠΙΦΑΝΕΙΑΣ



# ΠΑΡΑΔΕΙΓΜΑ ΔΟΡΥΦΟΡΙΚΗΣ ΕΙΚΟΝΑΣ





# ΠΑΡΑΔΕΙΓΜΑ ΙΣΤΟΣΕΛΙΔΑΣ ΜΕ ΠΑΡΑΤΗΡΗΣΕΙΣ ΣΕ ΠΡΑΓΜΑΤΙΚΟ ΧΡΟΝΟ (1)

Γεωγραφική Περιοχή Νομός ▾	Πόλη Όνομα	Φορέας	Υψόμετρο m	Ημερομηνία	Ώρα	Θερμοκρασία °C	Υγρασία %	Πίεση hPa	Ταχύτητα Ανέμου km/h	Διεύθυνση Ανέμου	Ετήσιος Υετός mm	Μηνιαίος Υετός mm	Σημερινός Υετός mm	Καιρικές συνθήκες
Αιγαίο Δωδεκάνησα	Κάλυμνος	N.O.A.	35	08/05/17	17:30	22.4	64	1009.4	0.0		434.0	0.0	0.0	
Αιγαίο Δωδεκάνησα	Κως	N.O.A.	37	08/05/17	17:26	20.6	82	1009.1	11.0		391.8	0.0	0.0	
Αιγαίο Δωδεκάνησα	Πάτμος	N.O.A.	12	08/05/17	17:30	21.9	68	1008.0	12.9		392.4	0.2	0.0	
Αιγαίο Δωδεκάνησα	Ρόδος Έμπωνας	U.A.	430	08/05/17	17:24	24.7	28	1006.3	19.3		364.8	0.0	0.0	
Αιγαίο Δωδεκάνησα	Ρόδος Κατταβιά	U.A.	55	08/05/17	17:25	21.6	73	1008.8	12.9		87.6	0.0	0.0	
Αιγαίο Δωδεκάνησα	Ρόδος Λίνδος	N.O.A.	65	08/05/17	17:29	20.6	87	1009.9	10.8		124.4	0.0	0.0	
Αιγαίο Δωδεκάνησα	Ρόδος Σγουρού	N.O.A.	95	08/05/17	17:21	19.4	92	1010.8	12.1		306.2	0.0	0.0	
Αιγαίο Κυκλάδες	Άνδρος Γαύριο Λίπεσσι	N.O.A.	15	08/05/17	17:30	24.2	57	1005.6	7.2		209.4	0.0	0.0	
Αιγαίο Κυκλάδες	Ανάφη	N.O.A.	235	08/05/17	17:19	22.7	49	1007.3	15.0		242.4	0.2	0.0	
Αιγαίο Κυκλάδες	Δονούσσα	N.O.A.	20	08/05/17	17:23	22.0	67	1007.1	13.7		170.4	0.0	0.0	
Αιγαίο Κυκλάδες	Ηρακλεία	N.O.A.	22	08/05/17	17:22	22.1	70	1007.0	5.9		258.8	0.0	0.0	
Αιγαίο Κυκλάδες	Ιος	N.O.A.	2	08/05/17	17:30	22.3	58	1007.1	13.7		233.4	0.0	0.0	
Αιγαίο Κυκλάδες	Κέα Ιουλιδα	N.O.A.	280	08/05/17	17:31	22.0	33	1007.7	8.3		226.0	0.0	0.0	
Αιγαίο Κυκλάδες	Κέα	N.O.A.	115	08/05/17	17:30	21.1	58	1006.0	5.6		223.0	0.0	0.0	
Αιγαίο														

# ΠΑΡΑΔΕΙΓΜΑ ΙΣΤΟΣΕΛΙΔΑΣ ΜΕ ΠΑΡΑΤΗΡΗΣΕΙΣ ΣΕ ΠΡΑΓΜΑΤΙΚΟ ΧΡΟΝΟ (2)

← penteli.meteo.gr/stations/ioannina/

**Μετεωρολογικός σταθμός Ιωαννίνων - περιοχή Ανατολή, Νότιοδυτικά. Υψόμετρο: 475μ.**

Ιδιοκτησία: **Εθνικό Αστεροσκοπείο Αθηνών**

Επιβλεψη: **Αλέξης Αναστασίου**

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Weather station in Anatoli, South West, Ioannina, Greece, Elevation: 475m.

Provided by **National Observatory of Athens**

Supervised by **Alexis Anastasiou** [Contact](#)

**08/05/17**
**17:42**
Αρχική | **Ιωάννινα** | Νεοχωρόπουλο | Ανατολή | Metar

<b>Fire risk level</b> Κίνδυνος πυρκαγιάς	<b>1</b>
<b>Conditions</b> Συνθήκες	
<b>Temperature</b> Θερμοκρασία	<b>21.6 °C</b>
<b>Humidity</b> Υγρασία	<b>47 %</b>
<b>Dewpoint</b> Σημείο Δρόσου	<b>9.8 °C</b>
<b>Wind</b> Ανεμος	<b>9.7 km/hr</b> <b>2 Bf</b>
<b>Wind Direction</b> Διεύθυνση Ανέμου	<b>W</b> <b>279°</b> 
<b>10 Min. Average Wind</b> Μέση Τιμή 10 Λέπτου	<b>3.2 km/hr</b> <b>1 Bf</b>
<b>Barometer</b> Βαρόμετρο	<b>1004.2 hPa</b> <b>&amp; Falling Slowly</b>
<b>Today's Rain</b> Σημερινός Υετός	<b>0.2 mm</b>
<b>Rain Rate</b> Ραγδαιότητα	<b>0.0 mm/hr</b>

Outside Temperature (C)

07/05/17 - 08/05/17

Outside Humidity (%)

07/05/17 - 08/05/17

Rain (mm)

07/05/17 - 08/05/17

Rain Rate (mm/hr)

07/05/17 - 08/05/17

Wind Speed (km/hr)

07/05/17 - 08/05/17

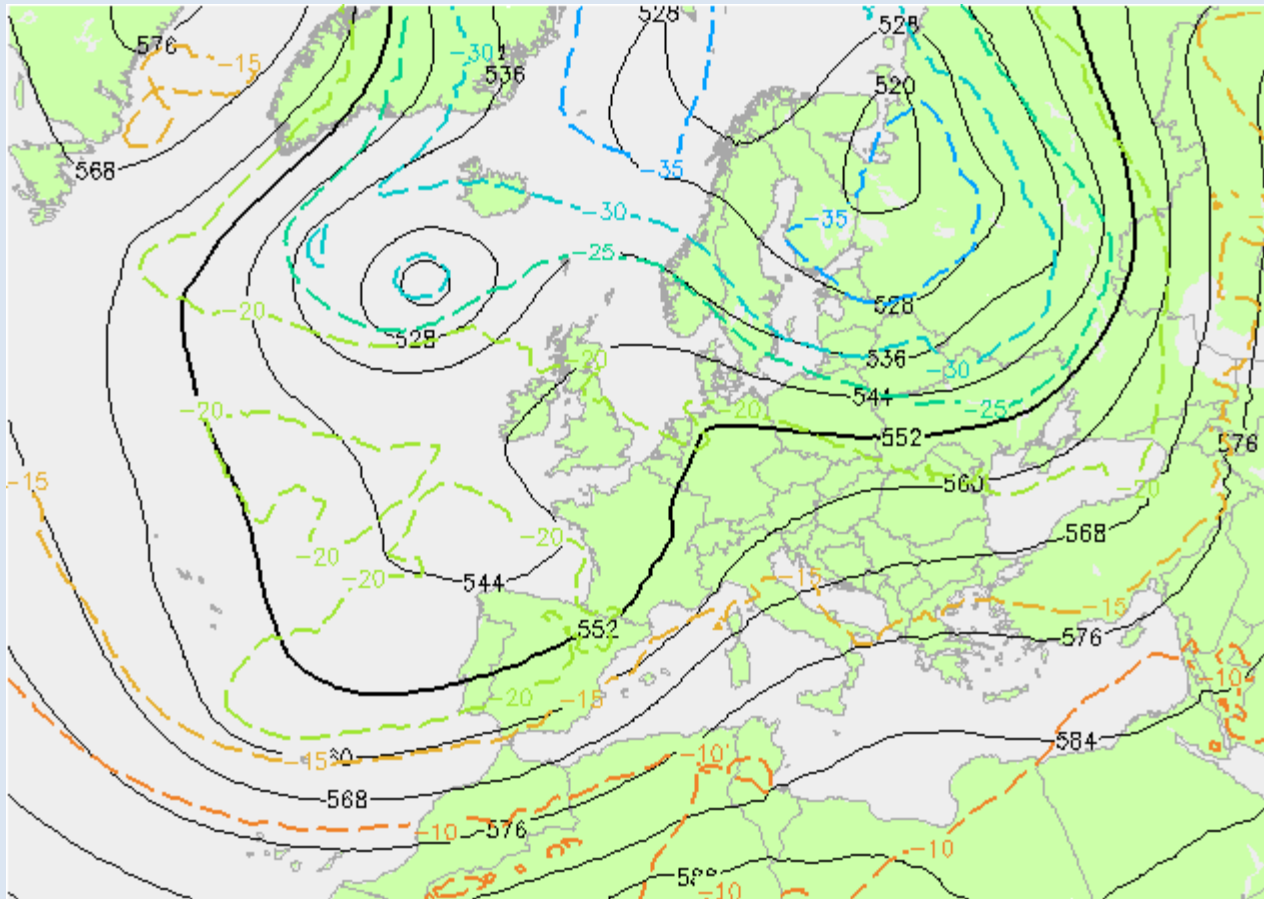
Wind Direction

07/05/17 - 08/05/17

penteli.meteo.gr/stations/ioannina/camera.htm

# ΠΑΡΑΔΕΙΓΜΑ ΠΡΟΓΝΩΣΤΙΚΟΥ ΧΑΡΤΗ (1)

## Γεωδυναμικό ύψος και θερμοκρασία στα 500hPa

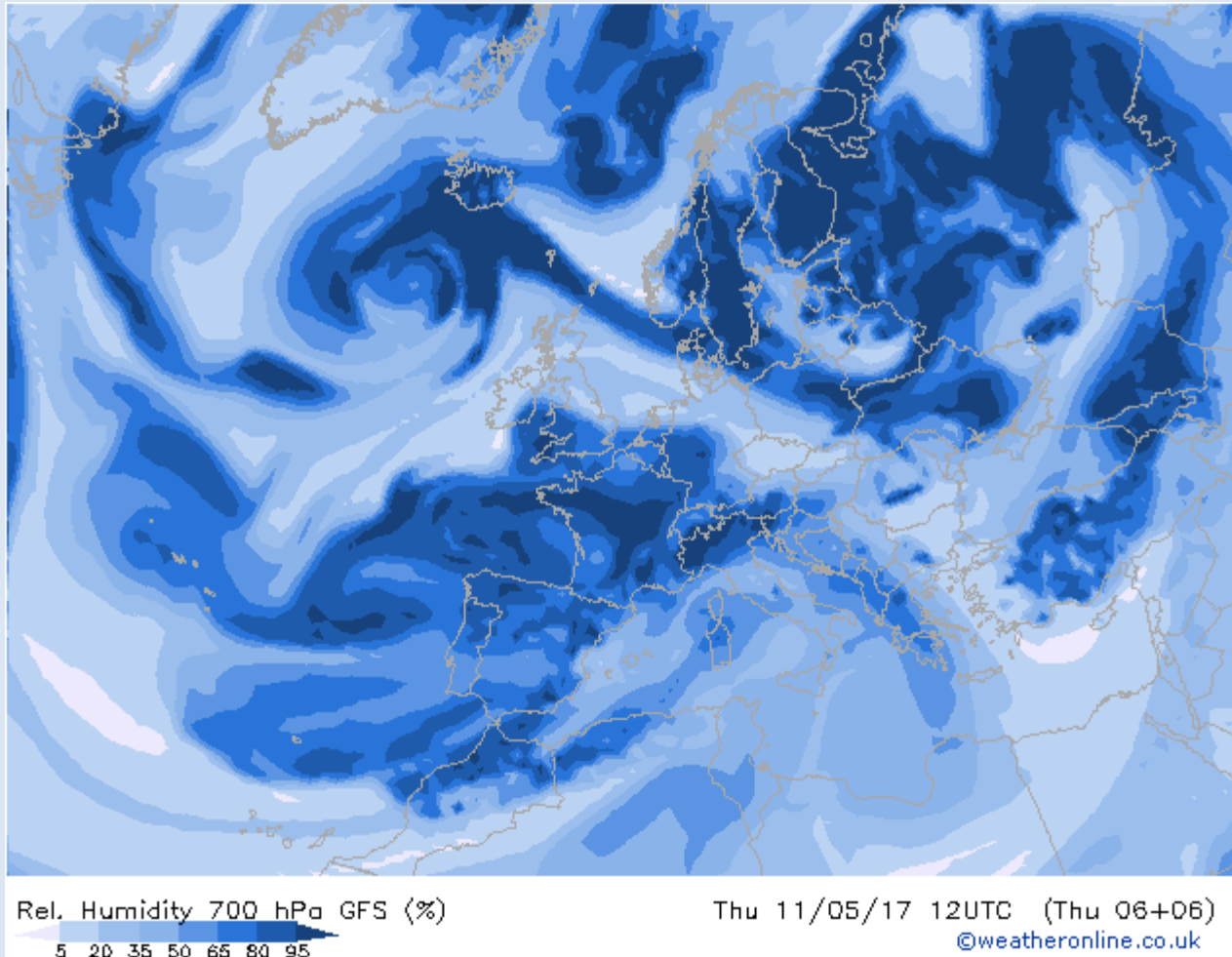


Height (gpdm) & Temp. (°C) in 500 hPa GFS

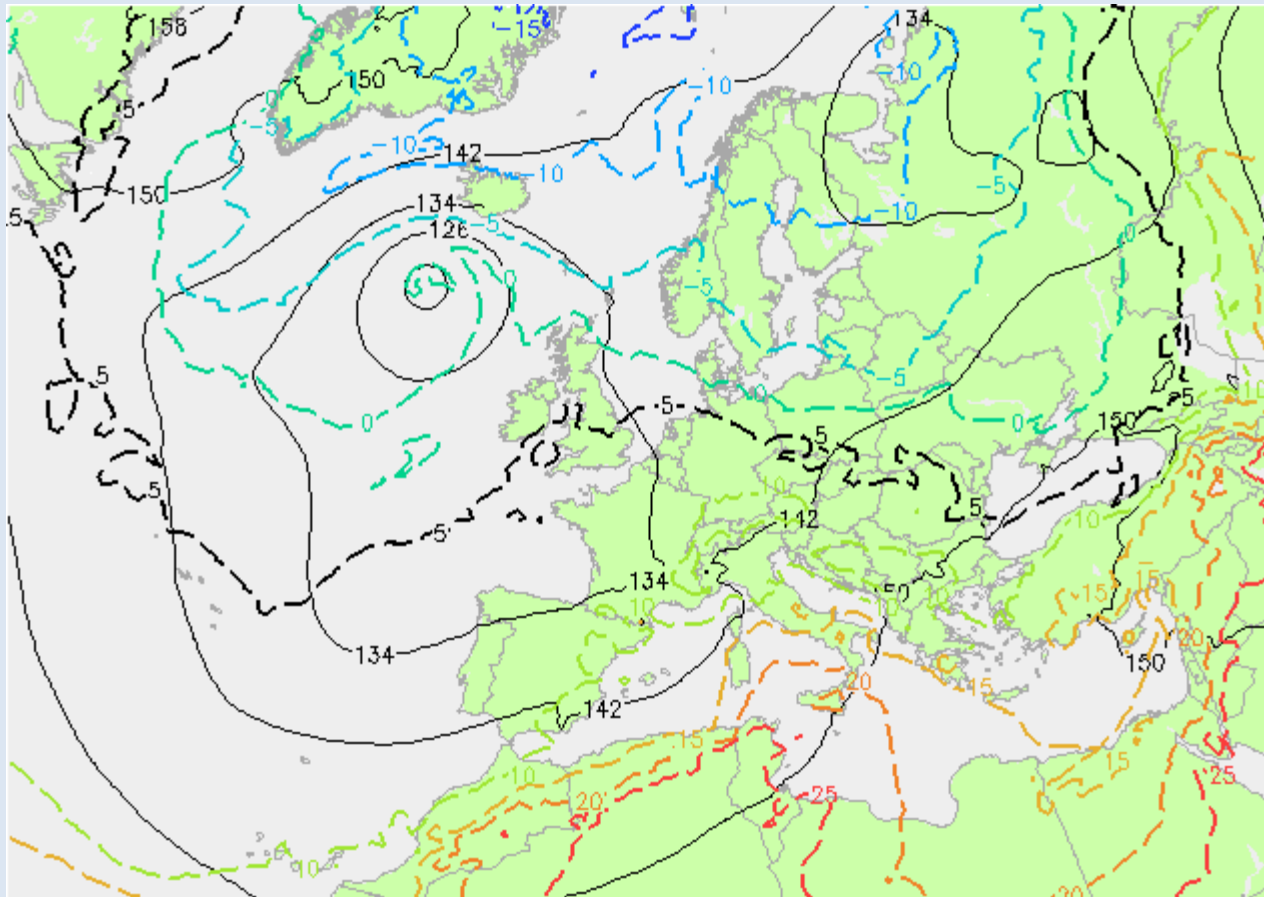
Thu 11/05/17 12UTC (Thu 06+06)

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## ΠΑΡΑΔΕΙΓΜΑ ΠΡΟΓΝΩΣΤΙΚΟΥ ΧΑΡΤΗ (2) Σχετική υγρασία στα 700hPa



### ΠΑΡΑΔΕΙΓΜΑ ΠΡΟΓΝΩΣΤΙΚΟΥ ΧΑΡΤΗ (3) Γεωδυναμικό ύψος και θερμοκρασία στα 850hPa



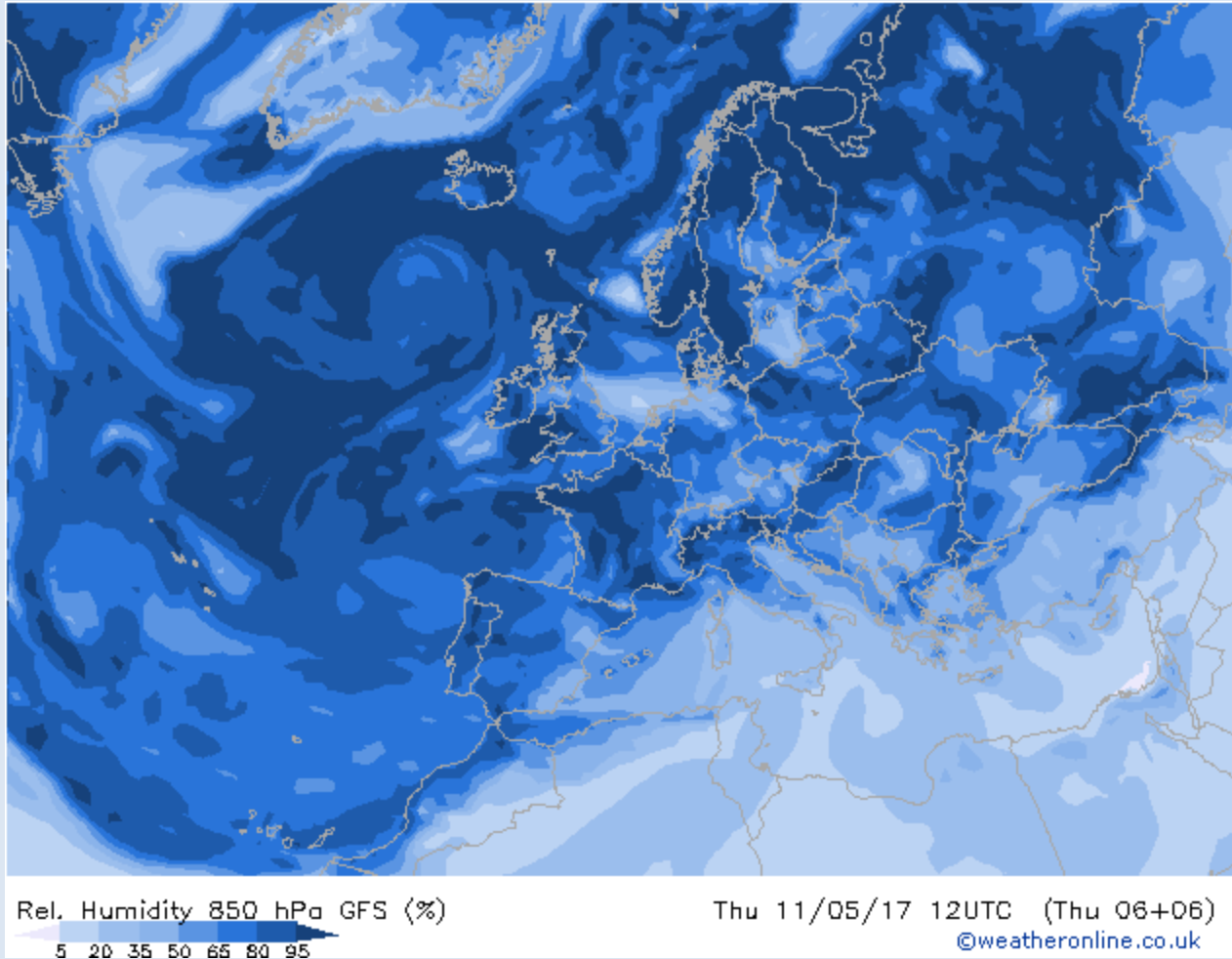
Height (gpdm) & Temp. (°C) in 850 hPa GFS

Thu 11/05/17 12UTC (Thu 06+06)

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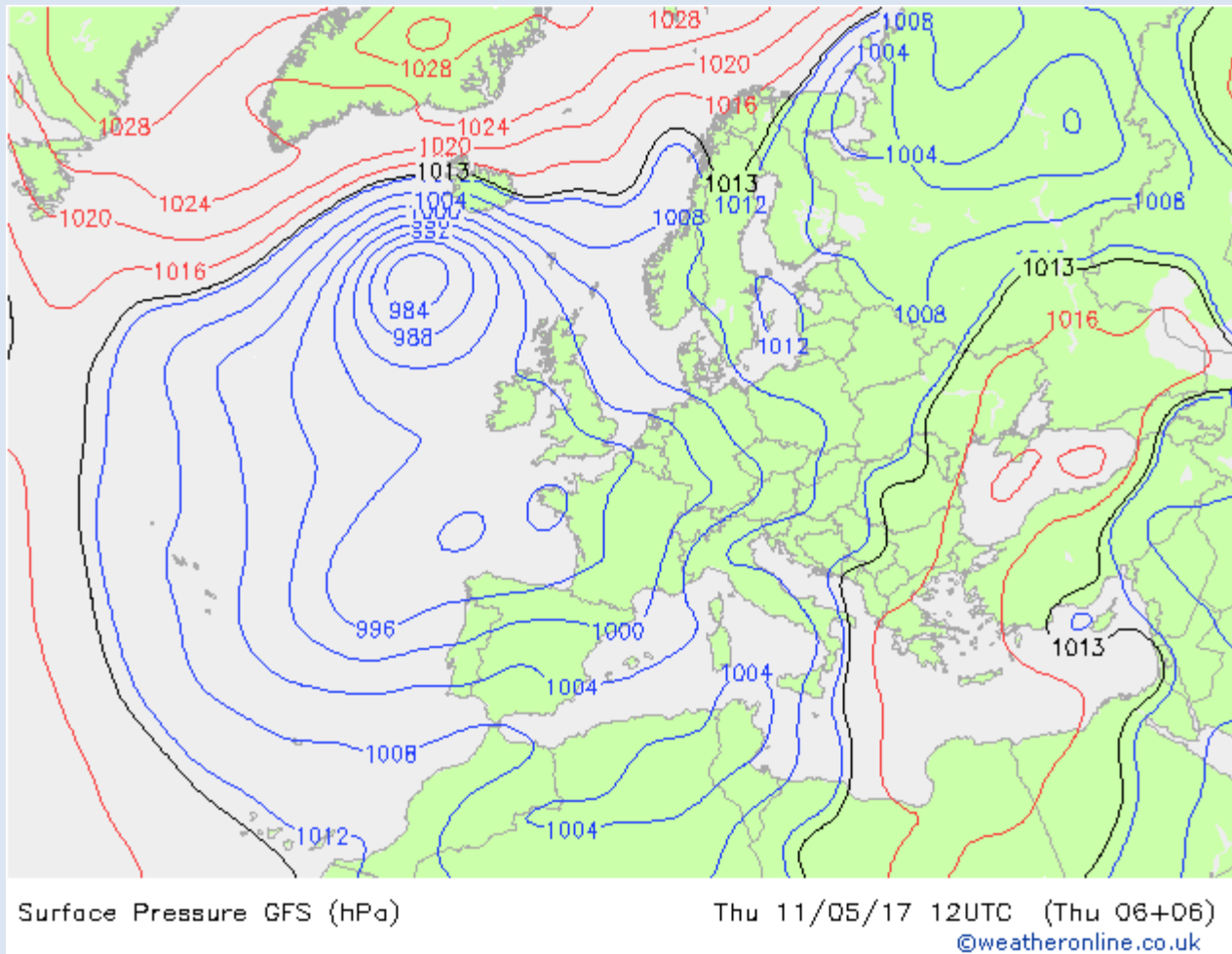
# ΠΑΡΑΔΕΙΓΜΑ ΠΡΟΓΝΩΣΤΙΚΟΥ ΧΑΡΤΗ (4)

## Σχετική υγρασία στα 850hPa



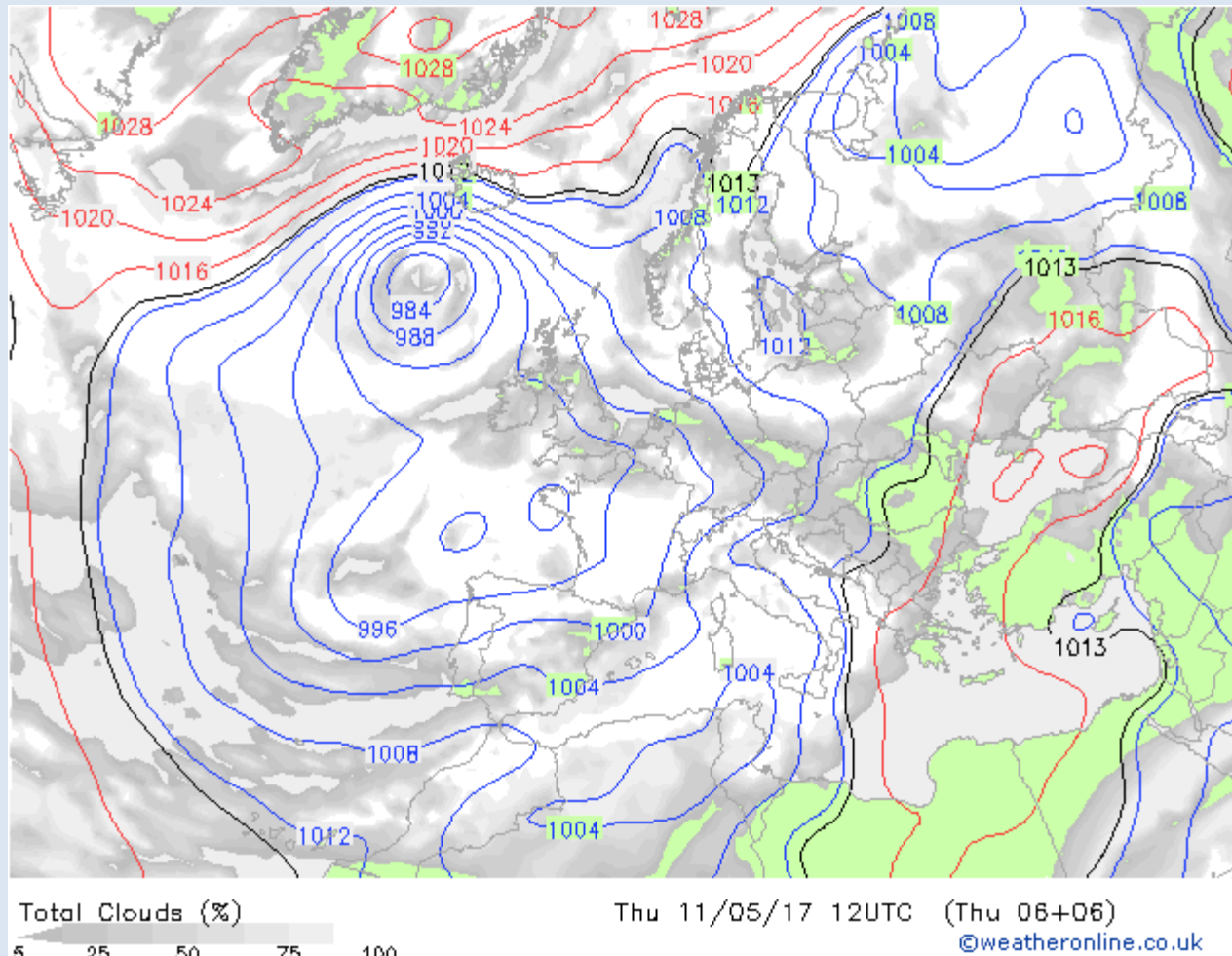
## ΠΑΡΑΔΕΙΓΜΑ ΠΡΟΓΝΩΣΤΙΚΟΥ ΧΑΡΤΗ (5)

Ατμοσφαιρική πίεση στη μέση στάθμη της επιφάνειας της θάλασσας



# ΠΑΡΑΔΕΙΓΜΑ ΠΡΟΓΝΩΣΤΙΚΟΥ ΧΑΡΤΗ (6)

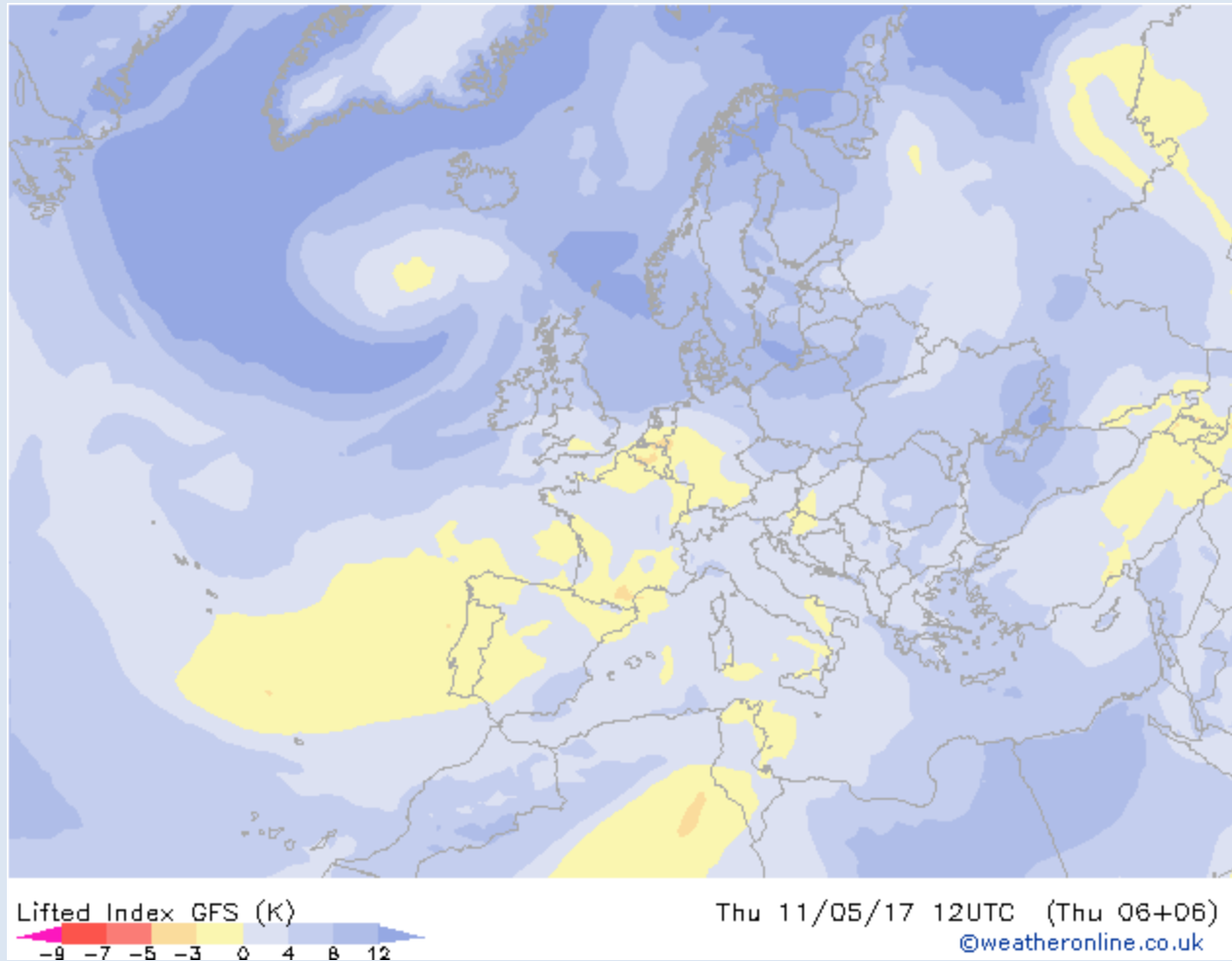
## Ολική νέφωση





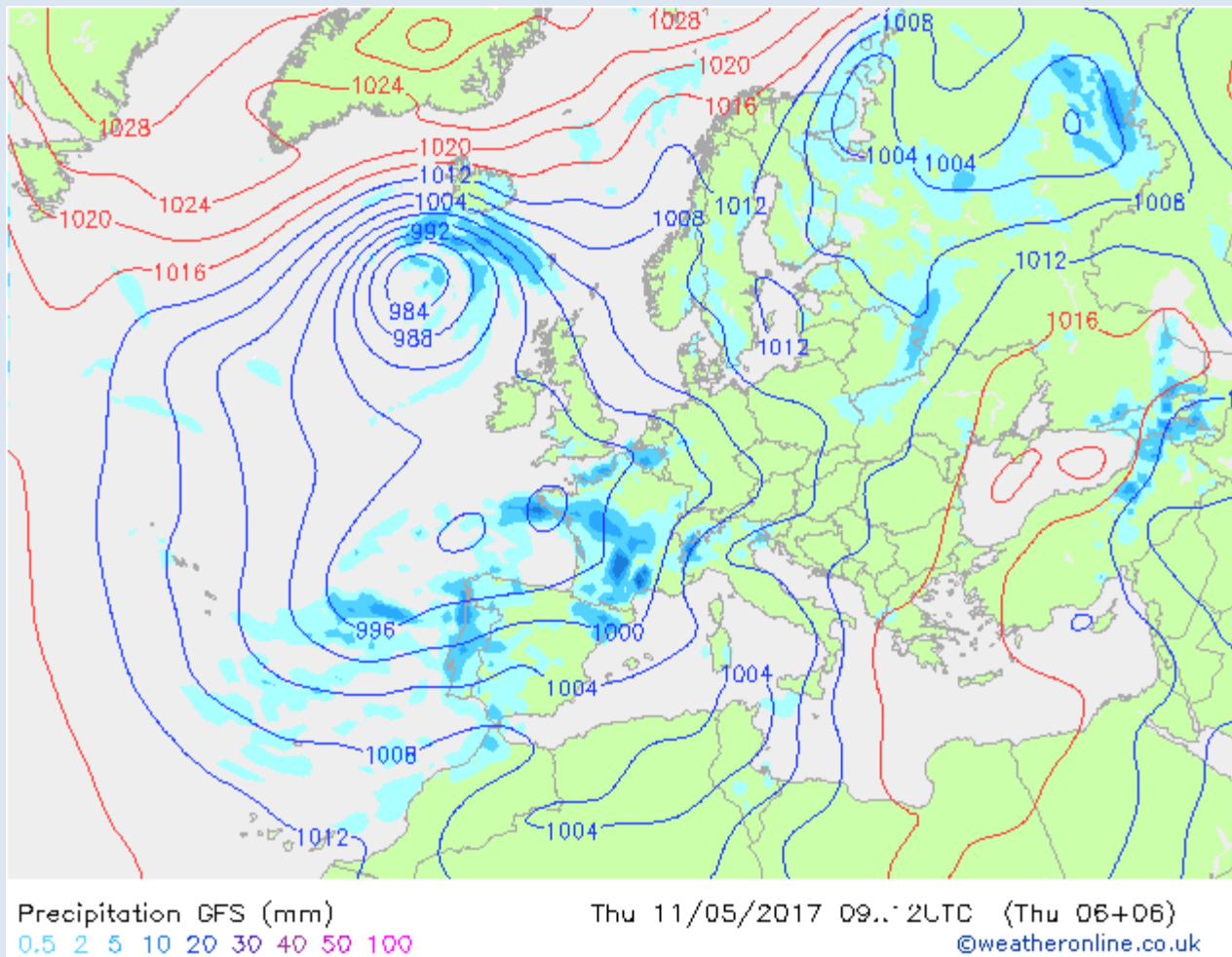
# ΠΑΡΑΔΕΙΓΜΑ ΠΡΟΓΝΩΣΤΙΚΟΥ ΧΑΡΤΗ (6)

## Στατική ευστάθεια (Lifted Index)



# ΠΑΡΑΔΕΙΓΜΑ ΠΡΟΓΝΩΣΤΙΚΟΥ ΧΑΡΤΗ (7)

## Ύψος υετού



# ΠΑΡΑΔΕΙΓΜΑ ENSEMBLES

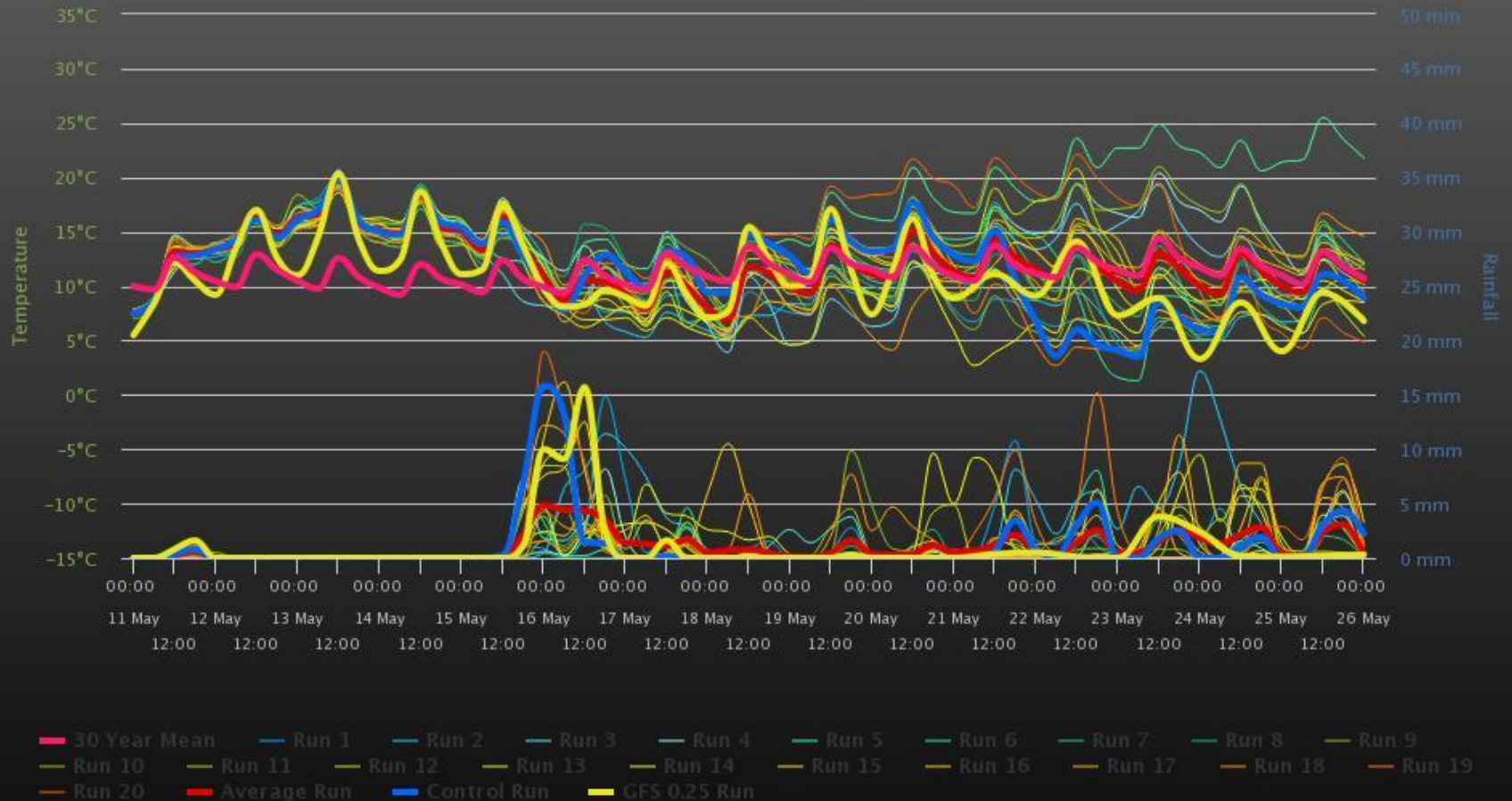
## Ιωάννινα

### Temperature 850 hPa & Precipitation

Time in UTC lat=39.66 lon=20.85 Ioannina

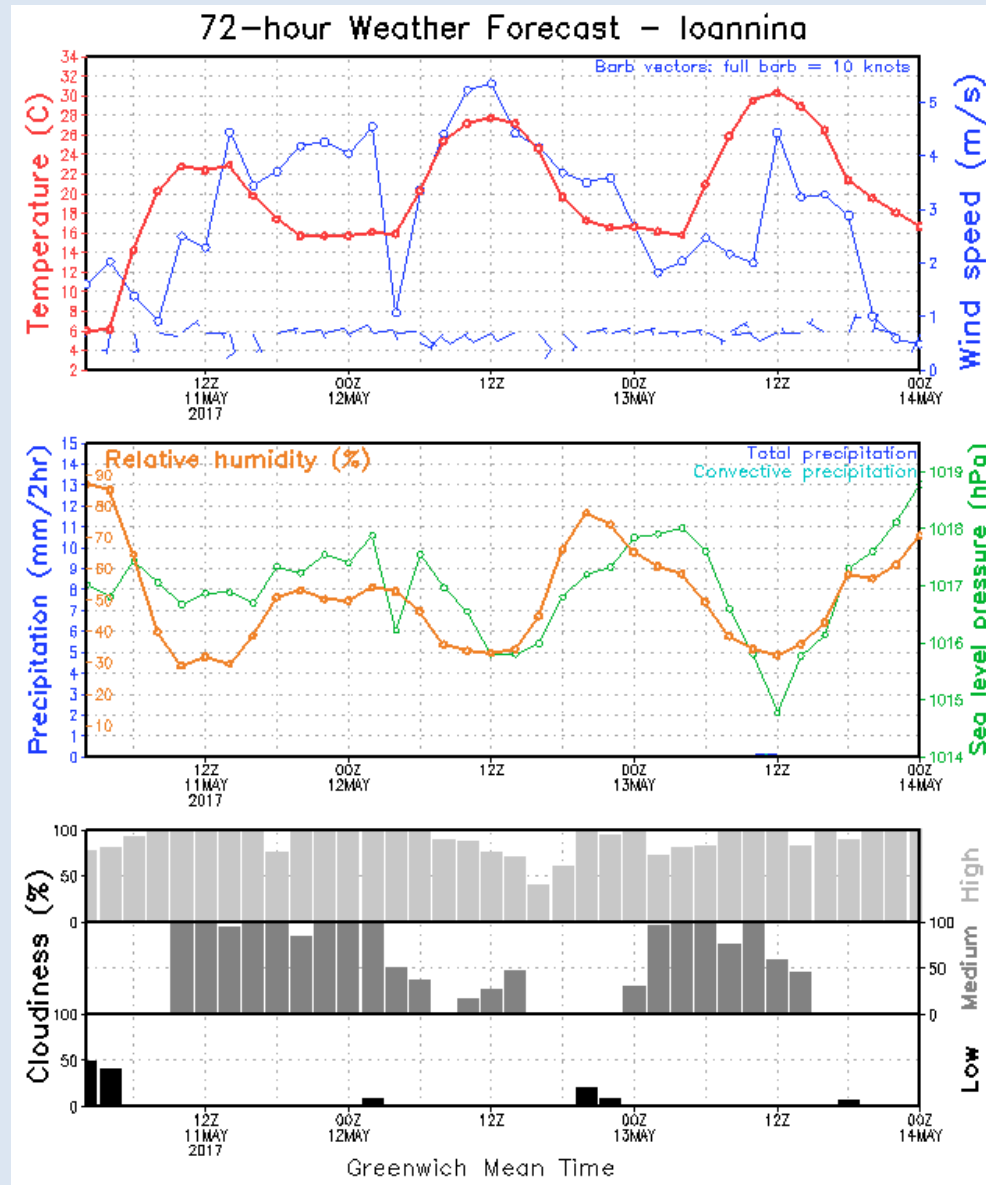
2017-05-11 00:00:00 UTC

GFS ensembles © www.meteoguru.com



# ΠΑΡΑΔΕΙΓΜΑ ΜΕΤΕΩΓΡΑΜΜΑΤΟΣ (1)

## Ιωάννινα



# ΠΑΡΑΔΕΙΓΜΑ ΜΕΤΕΩΓΡΑΜΜΑΤΟΣ (2)

## Ιωάννινα

Μετεώγραμμα ECMWF (Meteogram ECMWF)  
 10.05.2017 12:00 - 15.05.2017 12:00 UTC ανά 3 ώρες (per 3 hours)  
 ΙΟΑΝΝΙΝΑ

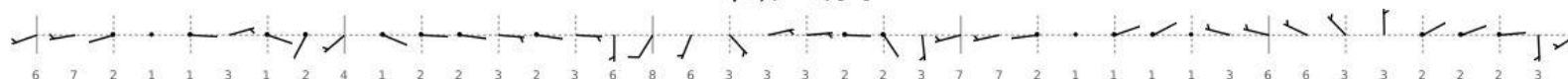
Θερμοκρασία (Temperature) [°C] - Σημείο Δρόσου (Dew point) [°C]



Υγρασία (Humidity) [%]



Άνεμος (Wind) [kt]



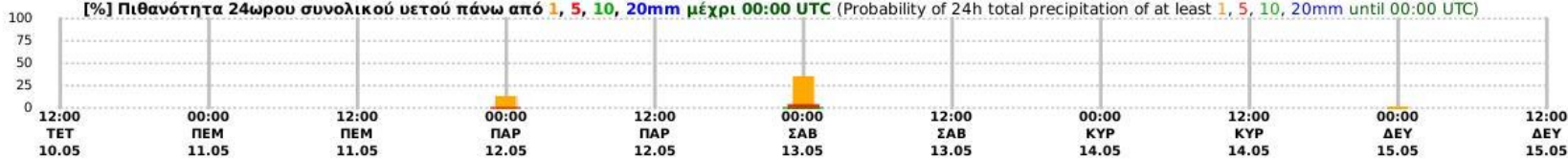
Χαμηλή Νέφωση (Low Cloud) [%] - Μεσαία Νέφωση (Medium Cloud) [%] - Υψηλή Νέφωση (High Cloud) [%]



Βροχή (Rain) [mm] - Χιόνι (Snow) [mm]

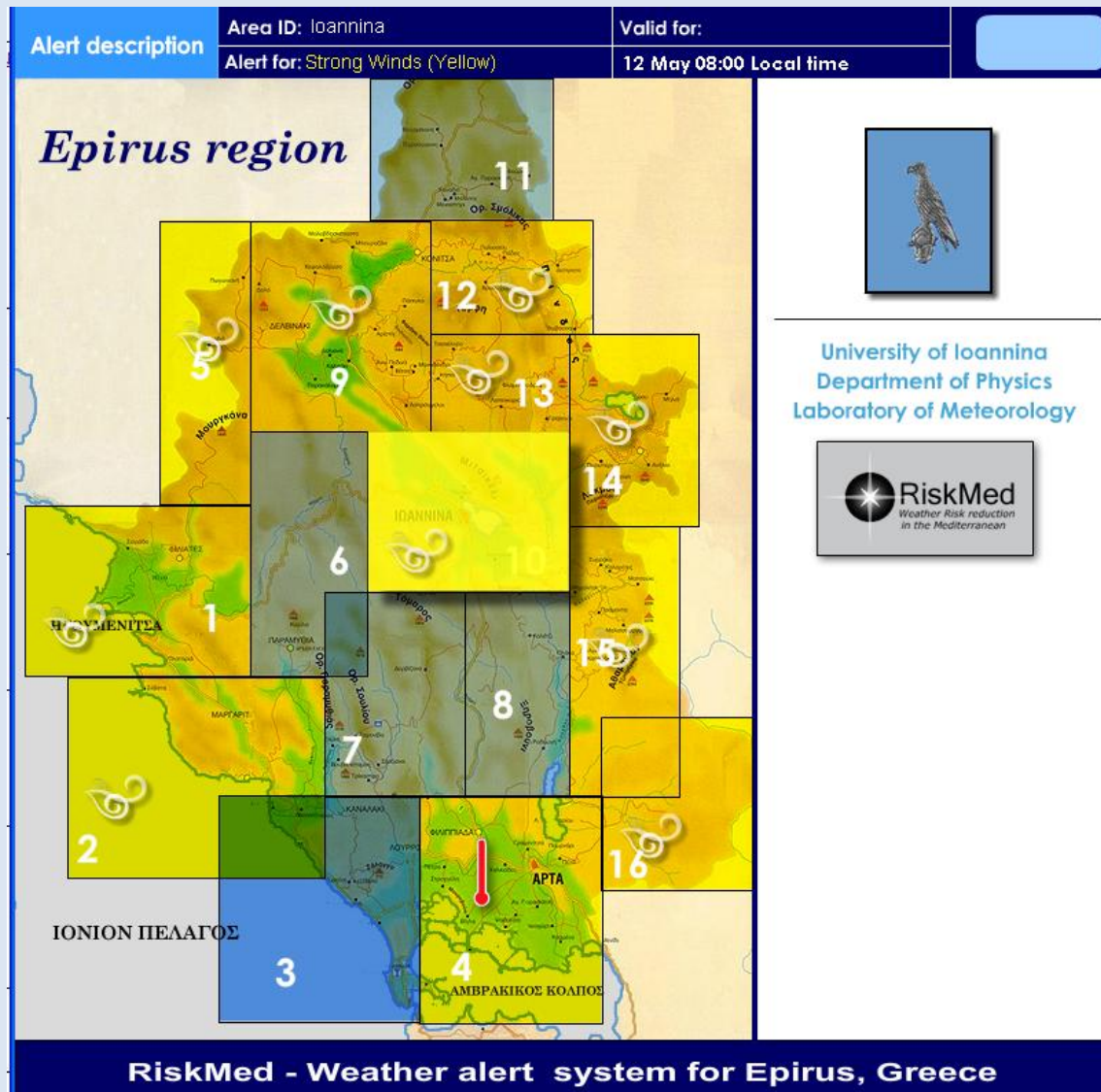


[%] Πιθανότητα 24ωρου συνολικού νετού πάνω από 1, 5, 10, 20mm μέχρι 00:00 UTC (Probability of 24h total precipitation of at least 1, 5, 10, 20mm until 00:00 UTC)



# ΠΑΡΑΔΕΙΓΜΑ ΠΡΟΕΙΔΟΠΟΙΗΣΕΩΝ (1)

## Ήπειρος



# ΠΑΡΑΔΕΙΓΜΑ ΠΡΟΕΙΔΟΠΟΙΗΣΕΩΝ (2)

## Ήπειρος

### RISKMAP WARNINGS HELP

Depending on the magnitude of the meteorological parameters and the intensity of the associated events, three categories (colors) of alerts are introduced:







- 1) Yellow (low level warning)
- 2) Orange (medium level warning)
- 3) Red (high level warning)

The warnings of precipitation (rain, thunderstorm, snow) refer to the 6-hour period ending at the indicated time (e.g. a rainfall warning for the 21:00 Local time refers to the period 15:00-21:00 Local time).

The warnings for temperature and wind refer to the indicated valid time.

Parameter	Yellow level	Orange Level	Red Level
Wind speed	7-8 beaufort	8-9 beaufort	> 9 beaufort
Rain	8 - 15mm / 6h	15 - 30mm / 6h	> 30mm / 6h
Thunderstorms	8 - 15mm / 6h Convective Precip. > 1/2 Precip.	15 - 30mm / 6h Convective Precip. > 1/2 Precip.	> 30mm / 6h Convective Precip. > 1/2 Precip.
High air temperature (°C)	33 – 36	36 - 39	> 39
Low air temperature (°C)	(-4) - 2	(-8) - (-4)	< (-8)
Snow	3 - 8mm / 6h T < 2	8 - 15mm / 6h T < 2	> 15mm / 6h T < 2

### Weather Symbols

		
VERY LOW TEMPERATURE	VERY HIGH TEMPERATURE	HEAVY RAINFALL
		
THUNDERSTORM	SNOW	STRONG WINDS

### Human discomfort and fire weather alert Symbols

		
HOT	COLD	FIRE
SULTRY CONDITIONS	CHILL CONDITIONS	FIRE WEATHER CONDITIONS