

MeteoGroup Europe's largest independent weather provider

Aisling Creevey MeteoGroup UK www.meteogroup.com

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1. History



- Founded in 1986
 - PA WeatherCentre 1997
- Acquired by PA in 2005
- Offices in nine European countries + USA
- 230 staff, more than 100 meteorologists
- 25 meteorologists in London
- Extensive data sources
- Investment in MRD
- Total support 24/7/365
- Europe's Largest private sector weather business



2. Client base

MeteoGroup

Trading names....

- RoadCast
- AviaCast
- RailCast
- BuildCast
- LeisureCast
- HydroCast
- PortCast











Client Examples



- Roads
- Rail
- Energy





Roads

RoadCast

MeteoGroup

- Over 50% of the market
- Highways Association
- Local Authority clients
- National Traffic Control Centre
- Full client support 24/7
- High quality road model extensive MRD research/development
- Client training



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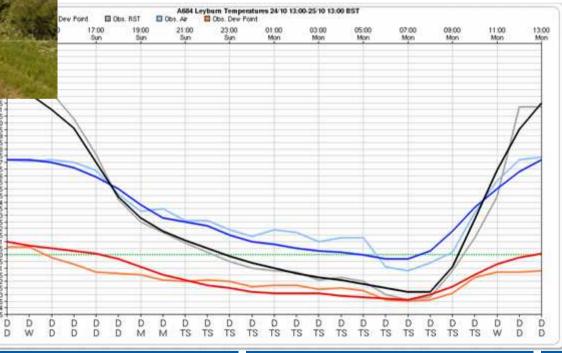
RoadCast

MeteoGroup



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Text forecasts Graph Forecasts and monitoring Site specific forecasts 24 hour monitoring





Rail

RailCast



RailCast











1......

MeteoGroup UK | PA NewsCentre, 292 Vauxhall Bridge Road, London, SW1V 1AE T1 +44 20 7963 7575 | F1 +44 20 7963 7599 | W1 http://www.meteogroup.co.uk | Company Registration: 3288270



Network forecasting

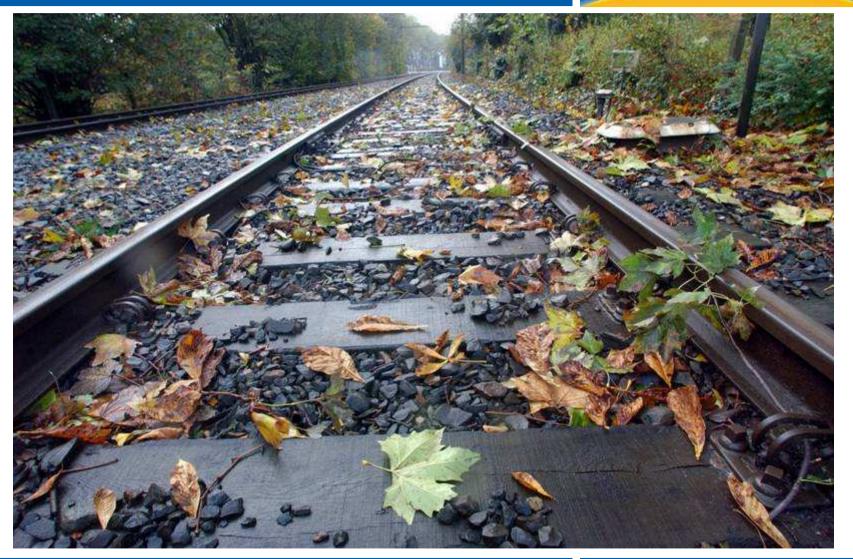
- Allows temperature variations to be mapped
- Tables can show forecasts for 'ghost runs'
- Potential for selective salting by route



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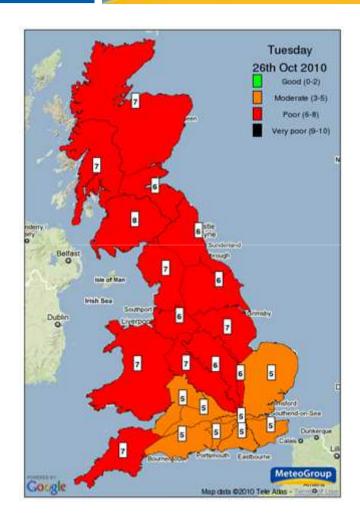
RailCast





Network Rail

- Full forecast service
 - General weather
 - Hazards
 - Conductor rail icing
- Observations
- Autumn adhesion forecast

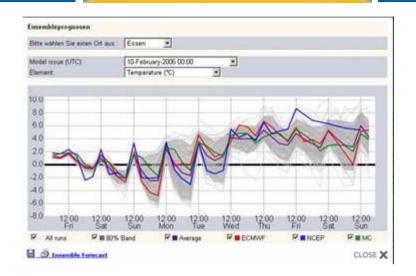


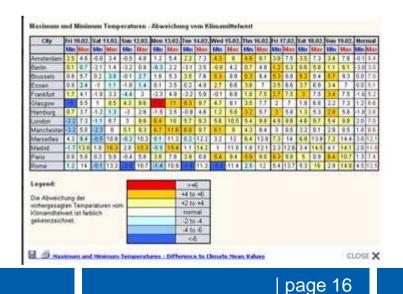


Energy

Energy

- Trading
- Power production
 - Gas/coal
 - Nuclear
 - Wind
 - -Wave



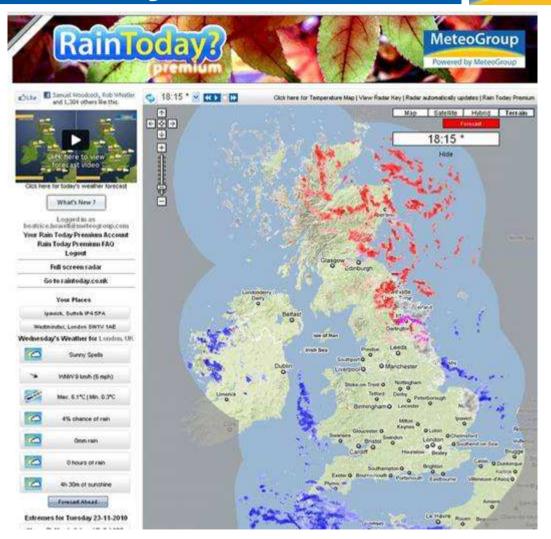


3. Weather Products

- Raintoday
- Weather Pro
- Meteoearth
- Weather Video
- Vodcast
- Web Graphics
- Page Ready

RainToday.co.uk

MeteoGroup



WeatherPro



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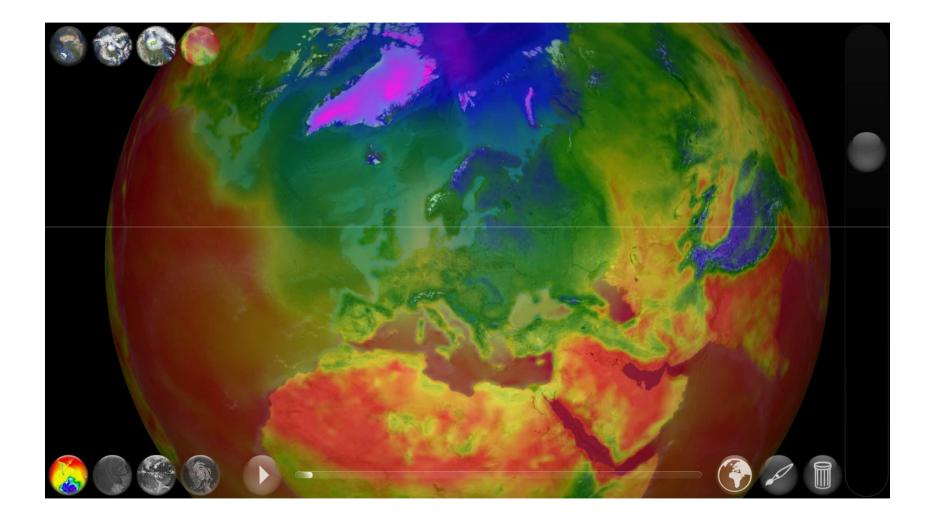


MeteoEarth











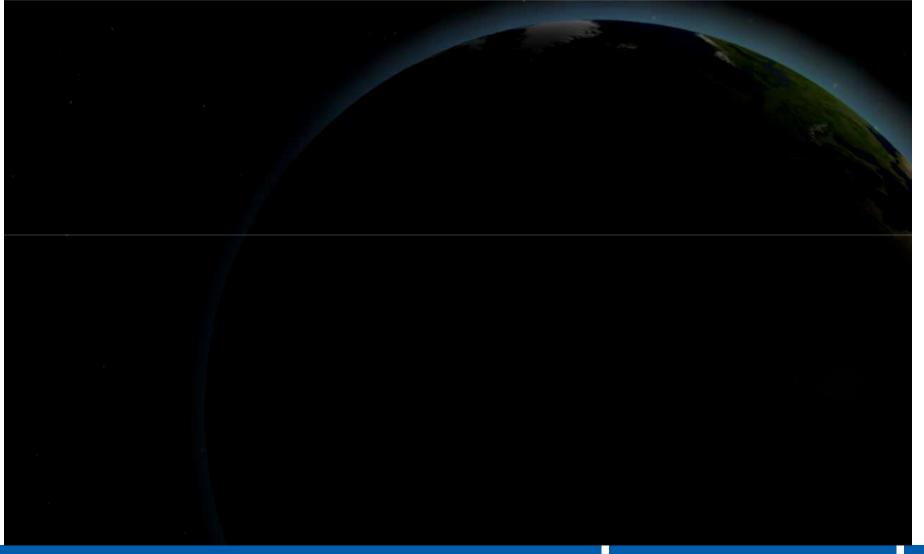






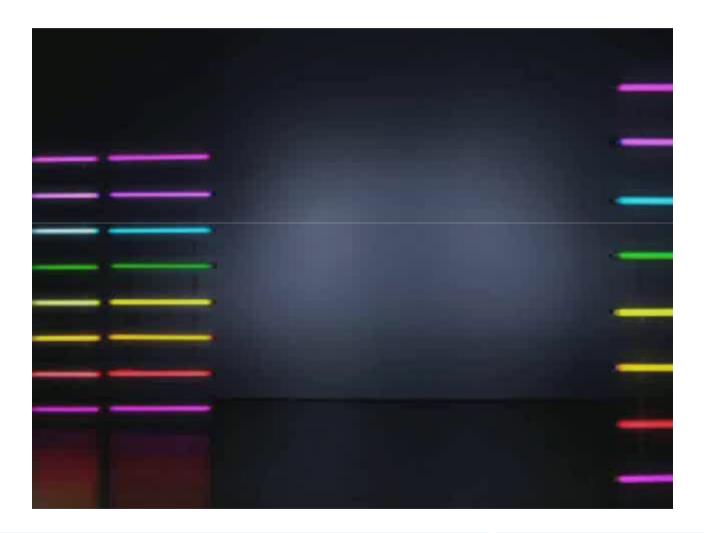
Weather Video





Vodcast







Web Graphics













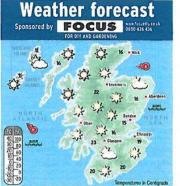
Page Ready

- In-house design
- Ready to print
- Customised panels
- 365 days a year
- Over 100 titles









Today's summary: Mostly dry, warm and sunny

Glasgow/Argyli: Mainly dry and sunry athough there is the small chance of the odd shower later. Warm. Hich 23C (73F). Caithness/North West: Dry with long periods of spring surshine. Gentle odd shover later. Warm, High 23C (73F). Edinburgh: Sunny with just a little cloud during the moming. Moderate north-easterly winds. Warm. High 19C (66F). Fife/Dundee: Dry and fine with lengthy spells of sunshine. Genite easterly winds. Warm inland. High 15C (59F). Southeasterly winds. High 16C (61F). Falldrik/Stirling: Dry and fine with some lengthy speks of warm sunshine. Genide southeasterly winds. High 16C (61F). Central Highlands: Mainly dry and fine with plendy to hight sunshine. Genide southerly winds. Warm. High 22C (72F). The Borders: A dy day with clear siss and plany of bris's nushine. Genet subsear of plany of bris's nushine. Genet subsear of plany of bris's nushine. Genet subsear of plany of worm, splany auchine. Genet may build enough to give the odd suburer is possible. High 24C (SRF). ShellandChrimey: Early log, then dry with plany of data bit some suino. Mix duid and with bit some suino. Mix duid and bit some suino. Mix duid nuclei. High 10C (SRF). The Borders: A dry day with clear skies Moray Firth/Aberdeen: Dry with blue

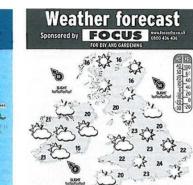
bright weather. Cloudier at times in the west with the risk of some thundery showers.

SIX-DAY FORECAST Temperatures in Centgrade

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Amsterdam	Sunny	24C/75F	Amsterdam	SURFY	2#0/15F
Brussels	Sunny	24C/75F	Brussels	Sunny	250735
Dublin	Far	18/\%4F	Dubin	Cloudy	18C/64F
Frankfurt	Sunny	23. 73F	Frankfurt	Sunny	24G-SF
Geneva	Sunny	240775F	Geneva	Sunny	24C 5F
Lisbon	Cabudy	22. 7.25	Lisbon	Fair	19. DCF
Madrid	Showers	2.1.11	Madrid	Rain	19C/56F
Paris	Sunny	25 577	Paris	Fair	26C//9F
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Budapest Joudy 20 68	Las Palmas Survey 25 77	Parth Sunny 23 73
Caro Sunny 26 79	Los Angeles Cloudy 17 63	Pragint
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Casablanca Sunny 22 72	Malaga Sunny 21 70	Sydney Fair 21 70
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Dublin	Malta Sunny 20 68	Tenerile Survy 22 72
Dubrowsk Rain 14 57	Melbourne , Sunny 18 64	Toronio, Survay 15 59
Faro Sunny 25 77	Miana Fair 29 84	Tunis Sunny 25 77
Florence Fair 20 68	Manual Cloudy 12 54	Venice Sunny 21 70
Gibrahar Fair 21 72	Narrobs Fait 24 75	Vienna Fair 18 64
Guerniny Sunny 19 60	New Delhi . Far 35 95	Warnew Sunny 15 55
LATEST MET OFFICE WE	ATHER BY PHONE & FAX	DAILY EXPRESS
10-day UK local forecasts		
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Snowline - latest ski report	ts TEL: 0906 553 (250
Tel 75p/min. Snowline £1/r	nin Fax £150 p/min from 8T land line	Touch UK LID. EC2A 4PF.
	Supplied by MeteoGroup	



Today's summary: Mainly fine and rather warm

Temperatures in Centiorade

1000 y S Juliitika y, and warm, hough the odd shower is possible later. Noderate assiety winds, High 220 (27). Northern Ireland: Mainly fine with just the odd shower in the west later co. Gante easierly winds. High 200 (28). Weltes: Warm surry speak, though one or two showers are possible later, mainly over the high. High 220 (27). East Anglia: Dry with lots of sunshino. Moderate winds. Warm, aspecially away from the coast. High 22C (72F). ondon/South East: Dry with lengthy spells of sunshine. Gentle easterly winds. Pleasantly warm. High 24C (75F). South: A dry and fine dwy with plenty of bright sunshine. Moderate southeasterly winds. Warm. High 23C (73F). over the hills, High 22C (72F). Mikilands: A dvg day with plenty of spring surshine. Moderale southeasterly winds. Warm. High 23C (73F). North EastYoeks: Surary with just a hille doubt from time high 23C (68F). Scolland: Any low doubt or midit dependent of the with the high by the form the southeasterly be doubt or midit dependent of the southeasterly by the form of the during of the southeasterly by the form of the during of the southeasterly by the form of the during of the southeasterly by the form of the during of the southeasterly by the southeasterly by the during of the southeasterly by the southeasterly by the during of the southeasterly by the southeasterly by the during of the southeasterly by the southeasterly by the during of the southeasterly by the southeasterly winds: Warm, High 22C (73F). South West: Dry with plenty of blue sky and surry sysels. Moderate srutheastedy winds. Warm, High 20C (68F). Channel Isles: Dry with largely clear y drise and plenty of sundhims. Moderate easterly winds. High 22C (73F). Sea: North Sea: Slight, Irish Sea: Slight. Channel: Slight.

UK OUTLOOK TOMORROW: Warm over the next few days with a fair amount of bright weather. Cloudier at times in the west with the risk of some thundery showers. SIX-DAY FORECAST Temperatures in Centorade

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Amsterdam	Sunny	24C/75F	Amsterdam	Sunny	24C/75F
Brusinis	Sunny	24C/75F	Brysinks	Sunny	23C/7.F
Bournis Dublin Frankfurt	Fair	18C/64F	Dublin	Cloudy	18C/64F
Frankturi	Sunny	236 F	Frankfurt	Sunny	24C/75F
Geneva	Sunny	24C/75F	Geneva	Surny	24C/75F
Lisbon	Cloudy	22C//2F	Lisbon	Fair	19C/66F
Madrid	Showers	25C/TTF	Madrid	Rain	19C/66F
Paris Rome	Sunny	250775	Paris	Fair	87%
Rome	Sunny	22C/72F	Rome	Sunny	22C.7.F

Around the world vesterday Hong Kong Cloudy 27 81 Istarbul Fair 18 64 New York Sunny <u>Jointhy</u> 10 <u>64</u> <u>Jointhy</u> 20 68 Susting 23 75 <u>Susting</u> 23 75 <u>Susting</u> 23 75 <u>Susting</u> 23 75 <u>Susting</u> 23 75 <u>Starrs</u> 37 90 <u>Susting</u> 21 70 <u>Susting</u> 21 73 <u>Susting</u> 21 73 Athens Sunny 2 Barcelona Sunny 1 Berlin Sunny 1 Budiges! Gloudy 2 Care Sunny 2 Cape Town Sunny 2 Cape Town Sunny 2 Surny 20 68 Surny 23 73 Surny 25 77 Doudy 17 62 Surny 38 100 Surny 21 70 Surny 23 73 Surny 20 68 Surny 20 68 Nicosus Palma Porto Porto Singaprive Singaprive Singaprive Tel Auro Tenerito Toronto Las Palmas Luror . Malaga Sunny

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times	1.00	Glasgew	9.06pm-6		Lighting-u	ıp tin	pes	-	_

-Temperatures in Centiorade

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SUCH

Today's summary: Warm. Sunshine in most areas

Weather forecast

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21

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North West Coast: Dry with sunny spells bul the chance of an isolated sharp shower. Gentle southeasterly winds, High 19C (86F). East Coast: Dry with sunry periods and variable amounts of cloud. There will be a moderate easterly wind. Still warm. High 18C (64F). righ 180 (64F). North Central Ireland: Mainly dry with sunny breaks but the chance of an isolated heavy shower. Gentle southeasterly winds. High 21C (70F). wares, regn 190 (607). South West Coast: Sunny periods but the chance of a heavy shower breaking out. A light to moderate southerly wind. High 16C (61F). South Central Ireland: Dry and warm with long sunny intervals and only a little cloud. A gentle southeasterly breeze. High 20C (68F). Northern Ireland: Dry, warm and mattly sunny with only a few patches of cloud. A fight to moderate easierly wind. High 20C (68F).

Outlook tomorrow: Ireland Wernest Sharror 21C (70F), Extremes: Coldest Lough Fea SC (13F), Writest No califul unorder) It will be warm again with some more sunshine 24 hours

in the north. However, cloud will increase with showers spreading north, southern area: will have some more persistent rain, Fini quarter SIX-DAY FORECAST Temperatures in Centorade

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CARDIFF	SHO	P 13 19	002	038	15 1 0	05 11 20
GLASGOW	10 22	0 2 20	B 10 19	010 18	0 10 20	0111
CRESTER	Q5 13 24	022	90 11 22	00 10 21	00 1 2	100 10 20
WCASTLE	Q5 10 17	0 10 20	01120	20 10 19	00 12 17	20 10 18
NORWICH	-18 12 22	Po 1 22	Po 1 22	00 1 21	15 01 CB	PD 10 18
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Belfast		0.00	1		Leeds		na.	5 20		
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Bournemout	11.0	0.00	1	21	London	10.8	0.00	10 22	Limentik	8.43km, 9.83pm
Bristol	9.5	0.00	9	22	Manchester	9.8	0.00	3 22	Galway	6.58am 116om
Cardiff	9.8	0.30	10	22	Oxford	32	0.00	3 23	Caph	2_1am 420m
Durham	11.0	C/a	8	17	Southamptor	123	0.00	10.22	D.bin	1.01am, 1.32pm
Edinburgh	11.2	0.00	8	20	St Andrews	7.6	0.00	7 12	Boltast	12.36km, 1.03pm
Lighting-L	ip tin	pes			Benngham	84%	m 6.11	lam	London	8.33pm 8.25am
		-	-	-	Brining		m6.9		Marchester	8,49pm-5.21am
Bollast	\$ 07;	avi.3	475		Glaugow	9.00	10-5.1	Sam	Newcaste	8.51pm-5.12am

Teday		Europe	forecast	100	Temerrow
Amsterdam	Sunny	24C/75F	Amsterdam	SUNN	24C/75F
Brussels	Sunny	24C/75F	Brussels	Sunny	25.735
Dublin	Fair	10C/64F	Dublin	Cloudy	18064F
Frenkfurt	Sunny	236 5	Frankturt	Sunny	24C/75F
Geneva	Sunny	24 775F	Geneva	Sunny	24C/75F
Lisbon	Cloudy	22.5724	Lisbon	Fair	19C/66F
Madrid	Shavers	250/77F	Madrid	Rain	19U/66F
Paris	Sunny	25C/77F	Paris	Fair	26C/79F
Rome	Sunny	22C .F	Rome	Sunny	2/ 72F

Around the world vesterday

	na ene nerra jeste	
sterdam Sunny 22 72	Hong Kong Joudy 27 61	New York Sunny 18 6
ens Sunny 22 72	Istanbul Fair 18 64	Nice Sunny 20 6
celona Sunty 19 66	Jernny Sunny 20 68	Nicosa Sunny 25 T
to Sunty 19 up	Lamaca Sunny 23 73	Palma Sunny 23 7.
Sapesi Clouty 27 68	Las Palmas Dunny 25 77	Perth Sunny 23 7
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pe Triwn , Cloudy 20 68	Luxor Sunny 38 100	Singapore . Shwrs 32 94
sablanca Sunny 22 72	Malaga Bunny 21 74	Sydney Far 21 7
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Sin Sunny 17 63	Malla Sunny 20 68	Tenerite Sunny 22 7
stownak Rain 14 57	Meflicume . Sunny 18 64	Toronio, Sunny 15 58
Reason Sunny 25 77	Mami Fair 29 84	Tunis
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ultar Fair 21 70_	Naight Fair 24 75	yianna Fair 18 64
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ATEST MET OFFICE WEA	THER BY PHONE & FAX	DAILY EXPRESS
0-day UK local forecasts	TEL: 0906 751 3	643 FAX: 0906 111 6590
ocal 5-hour forecast	TEL: 0906 751 3	546
0-day UK National forecas	A TEL: 0905 751 3	5645
inowline - latest ski report	# TEL: 0906 553 0	250
Tel 750/min. Snowline £1/m	in Fax £150 p/min from BT land line	ITOLCO UK LIS EC2A 4PF

Supplied by NeteoGroup



Today's forecast:

Spain will have a good deal of hazy sunshine, but also showers. These will heavy later. High 24C (75F). T	ıds
be mainly in the northwest. The showers will be heavy and thundery later. High 30C (86F). Portugal will cloudy start. High 25C (77F).	lhe Id

Outlook: Sunshine and showers

And back in	Britain today
London/South East: Dry and fine with	North: Mainly fine and warm, though the
lengthy spells of sunshine, Gentle easterly	odd shower is possible later. Moderate
winds. Pleasantly warm. High 24C (75F).	easterly winds. High 23C (73F).
Midlands: A dry and fine day with plenty of	Scotland: Any low doud or mist dispersing
spring sunshine. Moderate southeasterly	to leave it mostly dry with warm sunny spells.
winds. Warm. High 23C (73F).	High 23C (73F).
Wales: Warm sunny spells, though one or	Ireland: Mainly fine with just the odd shower
two showers are possible later, mainly over	in the west later on. Gentle mailerly winds.
the hills. High 22C (72F).	High 21C (70F).

SIX-DAY FORECAST IN BRITAIN Temperatures in Cerclorade

	T			F	RI	t der	S/	AT.		S	IN			101	1	TL	JE	
LONDON	10			190	13		100			0	12	23	20	12	24	100	ii.	22
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BIRMINGHAM	0	12	22	0	8	21	2		22	0	11	21	0	10	21	0	9	20
CAROUFF	0	14	21	-	13	19	0	в	21	0	13	21	e	н	21	0	U	20
GLASGOW	20	10	22	0	12	29	18	10	19	0	10	13	0	10	20	0	10	18
NANCHESTER	100	13	24	0	12	22	2	Ē.	22	20	10	21	3	11	21	B	10	20
NEWCASTLE	0	10	17	0	10	20	0	R	20	20	ю	19	3	12	U	0	10	18
NORWICH	1.2	R	22	100	1	22	100	U	22	120	11	23	20	10	21	20	10	18
PLYMOUTH	1 25	1	Б	势	10	H	0	10	К	0	10	15	20	10	18	B	10	17

Classow 8.7 0.00 11 Hull 12.9 0.00 5 Ipswich 12.5 0.00 9 Lecds n/a va 5 Lecds n/a va 5 Lecds n/a va 5 Lendon 10.3 0.00 10 Manchester 8 0.00 9 Cathord 3.2 0.00 9 First quarter London Bige 325m 45 Britain Warmest: Costby 200 (737) Lighting-up times Glauphy Extremes: Coldest: Athabara 34 (377) Edins 8.07cm5.25am London P.96pm-5.19am

(D4 hinrs to 2pm periodapt	Wettest: Kirkwall British Sunniest: Norveuh 14thr.	- 8/mingham 8/stol	8.43pm-5.22am 8.42pn-11.25am	Newcaste	8.51pm-5.12er
Teday	Eu	rope fore	cast	No.	Tomorrow

Amsterdam	Sunny	24C/75F	Amsterdam	Sunny	24C/75F
Brussels	Sunny	24C/75F	Brussels	Sunny	23C/73F
Dublin	Fair	18C/64F	Dublin	Cloudy	18C/E4F
Frankfurt	Sunny	230 3	Frankfurt	Sunny	24C/75F
Geneva	Sunny	24C/i5F	Geneva	Sunny	24C/75F
Lisbon	Cloudy	2201725	Lisbon	Far	19C/66F
Madrid	Showers	25C T	Madrid	Rain	19C/66F
Paris	Sunny	25C/ F	Paris	Far	2" C/79F
Rome	Sunny	220/72	Rome	Sundy	275

Around the world vesterday

Alu	una the worna yeste	ruay	Alu	und the world yeste	il ua
Amsterdam Sunny 22 72	Hong Kong Cloudy 27 81	New York Sunny 18 64	Amsterdum Servey 22 72	Hong Kong Cloudy 27 81	New
Athens	Istanbul Fair 18 64	New	Alhens Sunny 22 72	Istanbul Fair 18 64	Nice
Barcelona , Sunny 19 66	Jersey Sunny 20 65	Nicotia Sunny 25 11	Barcelona Sunny 19 66	Jersey Sunny 20 69	Nic
Berlin Sunny 19 66	Lamaca Sunver 23 73	Palma Sunny 23 73	Berlin Sunny 19 66	Lamaca Survey 23 75	Pal
Budapest Cloudy 20 68	Las Palmas Junny 25 77	Perth Sunny 23 73	Budapest,Cloudy 20 68	Las Palmas Junny 25 77	Per
Cairo Sunny 26 79	Los Angeles Cloudy 17 63	Prague Shiwrs 14 57	Cairo Sunny 26 79	Los Angeles , Cloudy 17 63	Pra
Cape Town ,Cloudy 20 68	Lunor Sunny 38 100	SingaporeShuni 32.90	Cape Town .Cloudy 21 68	Lunor Sunny 38 100	Sin
Casablanca Sunny 22 72	Malaga Samey 21 70	Sydney Fair 21 70	Gasablanca Sunny 22 72	Malaga Sunny 21 70	Six
Corfu Drizzte 18 64	Mallorca Sunny 23 73	Tel Auto Sunny 23 75	Cortu Drizzle 18 64	Malorca Sunny 23 75	Tel
Dublin Sunny 17 63	Maita	Tenertle Sunny 22 72	Dublin Sunny 17 63	Malta firminy 20 68	- Ees
Dubrovnik , Rain 14 57	Melbourne . Janvag 18 64	Toronio Sunny 15 59	Dubrovnik "Rain 14 57	Melbourne , Sunny 18 64	100
Earo Sunny 25 77	Miani Fair 29 84	Tunis	Faro Sunny 25 77	Mami Fair 29 84	Tun
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Gibraltar , Fair 21 70	Nairobi Fair 24 75	Vienna Fair 18.64	Gibrahar Fair 21 70	Neirobi Fair 24 75	Vie
Guernsey Sunny 19 66	New Delbi . Fair 35 95	WarsawSunny 15 59	Guennsey Sunny 18 66	New Delhu , Fair 35 95	Wa
	Constant by Malas Course			Court the Malastern	

Supplied by MeteoGrou

Weather forecast Sponsored by FOCUS was foresday to uk FOR DIV AND CARDENIN



Today's forecast: Eactorn Maditarranoan

Lustern me	unterromean
slands: Sunny spells, but also if showers for most places, ay be heavy with flunder e alternoon. High 20C (58F). Resorts: There will be a al of doud at times and with altered showers around too.	However, it will become generally driv and brighter in western areas towards evening. High 20C (68F). Cyprus: II will be dry and bright for a time, bui increasing amounts of cloud will bring the risk of one or two shows during the alternoon. High 25C (77F)

And back in Britain today

Greek Is the risk of These ma

during the Turkish good dea some sca

angthy spells of sunshine. Gentle easterly	odd shower is possible later. Moderate
wnds. Pleasantly warm, High 24C (75F).	easterly winds. High 23C (73F).
Kidllands: A dry and fine day with plenty of	Scotland: Any low cloud or mist dispersing
spring sunshine. Moderate southeasterly	to leave it mostly dry with warm sunny spells.
vinds. Warm. High 23C (73F).	High 23C (73F).
Wales: Warm sunny spells, though one or	Ireland: Mainly fine with just the odd showe
wo showers are possible later, mainly over	in the west later on. Gentle easterly winds.
he hills. High 22C (72F).	High 21C (70F).

UK outlook tomorrow: Warm in the east. Showers in the west.

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GLASGOW	0	10	22	0	12	20	99	10	19	0	10	18	0	10	20	0	10
MANCHESTER	20	13	24	0	12	22	80	1	22	B	10	21	20	11	21	100	10
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 Britain Extremes:
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Today	1000	Europe forecast		Temorrow	
Amsterdam	Survey	24C/75F	Amsterdam	Sunny	24C/75F
Brussels	Sinny	24C/75F	Brussels	Sunny	23.75
Dublin	Far	18C/64F	Dublin	Cloudy	18C/64F
Frankfurt	Sunn	23C7 IF	Frankturt	Sunny	240755
Geneva	Surviv	24 35	Geneva	Sunny	24C/75F
Lisbon	Cloudy	22C72F	Lisbon	Far	19C/66F
Madrid	Showers	25C.77F	Madrid	Rain	19C/66F
Paris	Survey	25C/77F	Paris	Far	SALLE
Rome	Suray	22C/2F	Rome	Sunny	2079

Around the world vesterday

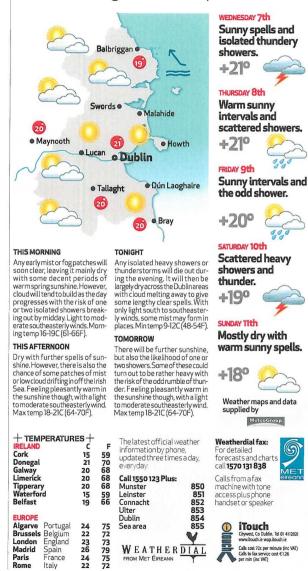
Amsterdum Servy 22 72	Hong Kong Cloudy 27 81	New York Sunny
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Berlin Sunny 19 66	Lamaca Survey 23 73	PalmaSunn
Budapest Cloudy 20 68	Las Palmas Junny 25 77	PerthSunn
Cairo Sunny 26 79	Los Angeles , Clourly 17 63	Prague Shwit
Cape Town Cloudy 21 68	Lunor Sunny 38 100	Sugara , Sherr
Gasablanca .Sunny 22 72	Malaga Senny 21 70	Sydney Far
Cortu Drizzle 18 64	Malorca Sentry 23 75	Tel Aviv
Dublin Sunny 17 63	Malta firminy 20 68	Entertile
Dubrovnik "Rain 14 57	Melbourne , Sunny 18 64	Torono
Earo	Mami Fair 29.64	JunisSunn
Florence Fair 20 68	MosorCloudy 12 54	Venice
Gibrahar Fair 21 70	Niirobi Fair 24 75	Vienna Fast
Guennsey Sunny 19 66	New Delhu , Fair 35.95	WarsawSunny

Supplied by MeteoGroup

+ THE WEATHER

Dry, warm and bright

Remaining fairly warm over the next few days but with an increasing risk of thundery showers.



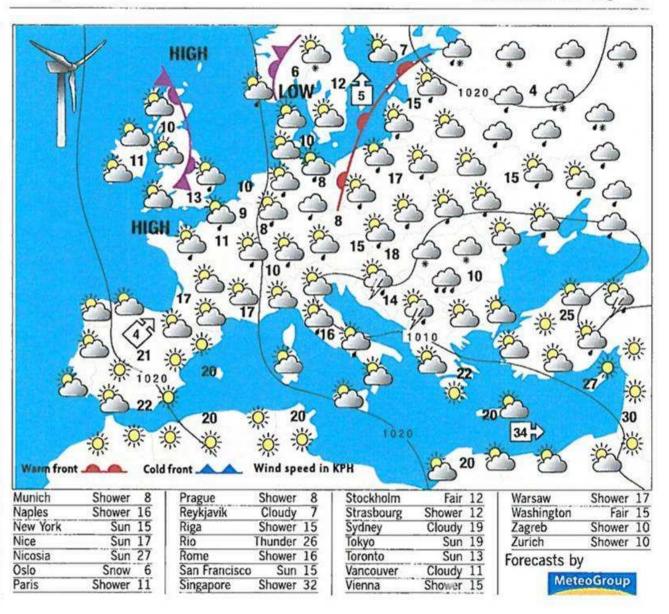
9



Today's temperature

Maximum for day °C

Abu Dhabi	Sun	33
Amsterdam	Shower	10
Ankara	Fair	25 22 35
Athens	Fair	22
Bahrain	Sun	35
Barcelona	Sun	17
Beijing	Sun	26
Belfast	Fair	11
Belgrade	Shower	15
Berlin	Shower	8
Brussels	Shower	9
Budapest	Shower	18
Cairo	Sun	35
Cardiff	Fair	12
Chicago	Sun	16
Cologne	Shower	8
Copenhagen	Fair	10
Delhi	Fair	38
Dubai	Sun	33 11
Dublin	Fair	11
Edinburgh	Shower	9
Frankfurt	Shower	11
Geneva	Shower	11
Hamburg	Fair	10
Helsinki	Fair	7
Hong Kong	Fair	26
Istanbul	Sun	19
Lisbon	Fair	21
London	Fair	13
Los Angeles	Sun	20
Luxembourg	Shower	8
Madrid	Sun	21
Malta	Fair	18
Manila	Shower	31
Miami	Fair	24
Milan	Shower	17
Montreal	Sun	10
Moscow	Rain	4
Mumbai	Sun	33



4. Weather Forecasting



- Data Sources
- Midas
- Satellite
- Precipitation Type Radar
- MOS
- Observations

Data sources





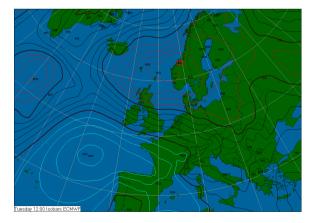
WRF > THE WEATHER RESEARCH & FORECASTING MODEL



Koninklijk Nederlands Meteorologisch Instituut Ministerie van Verkeer en Waterstaat

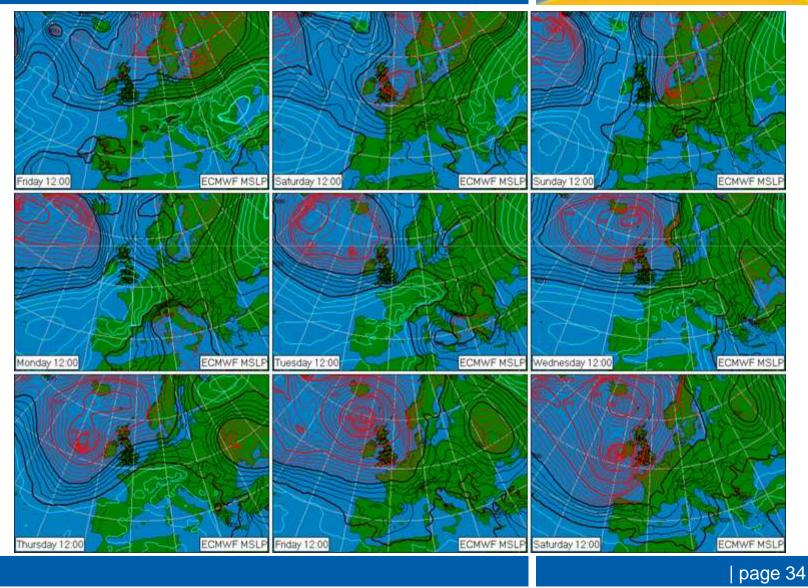




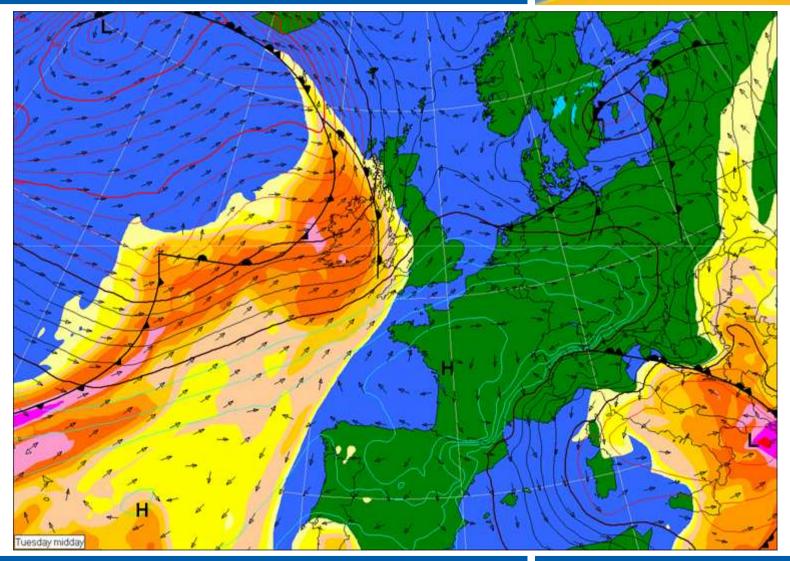




MIDAS - ECMWF

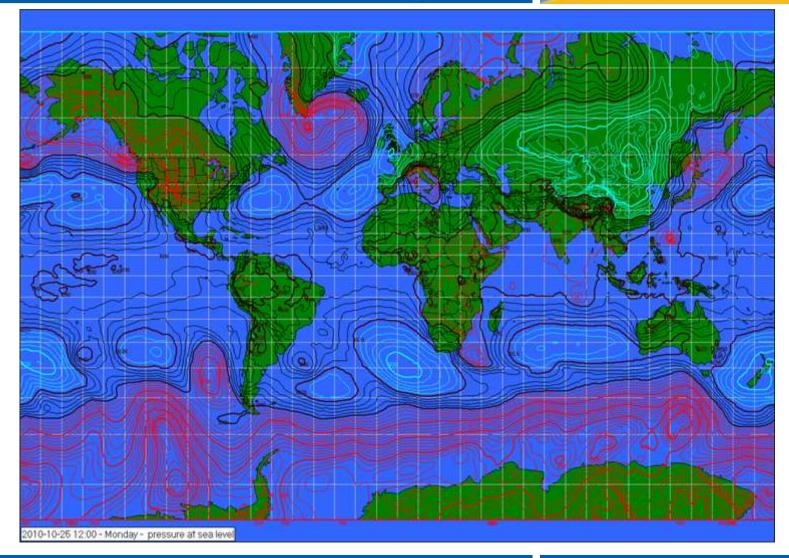


Automatic fronts



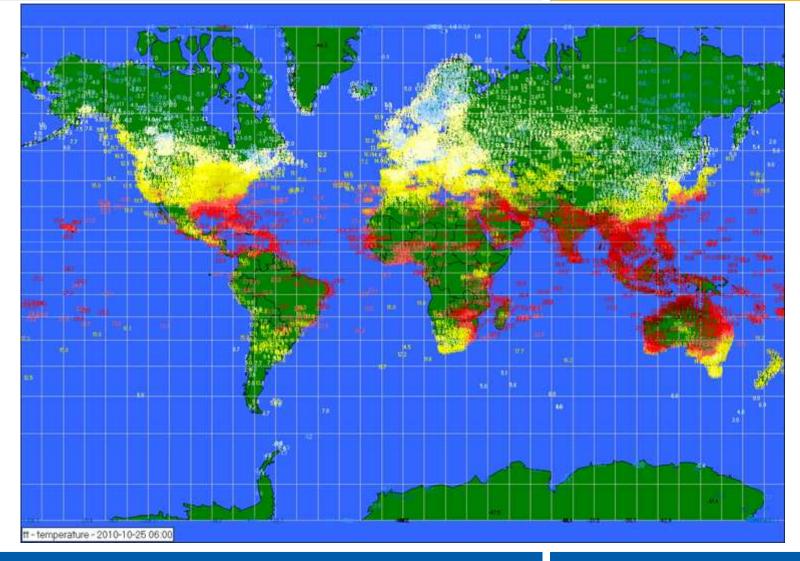
Global model output

MeteoGroup



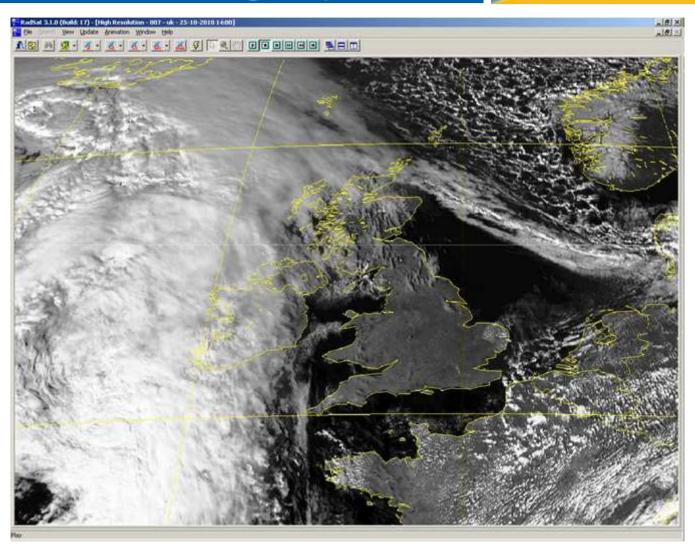
Global observations

MeteoGroup



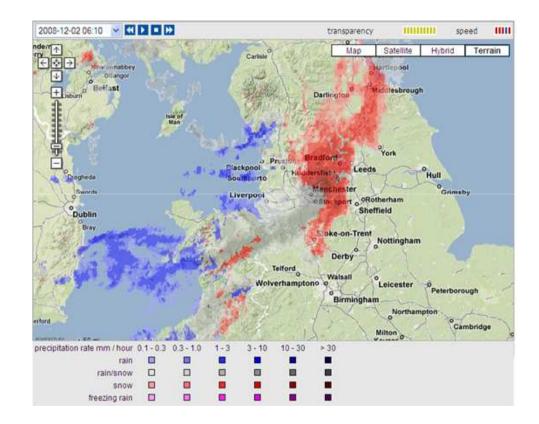
Satellite imagery

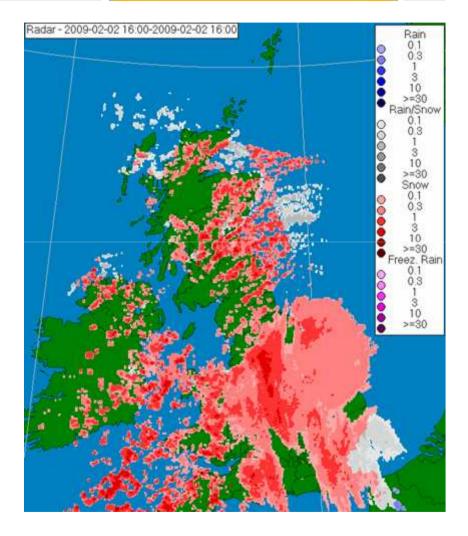
MeteoGroup



Precip type radar

MeteoGroup

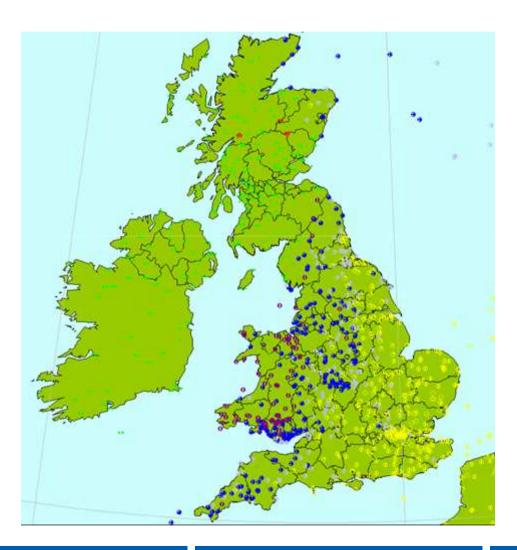




MM-MOS

MeteoGroup

- Model Output Statistics
- Site specific forecasts
- 100+ elements
- Climatology
- World-wide coverage
- Forecaster intervention



Observations



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5. My day to day tasks



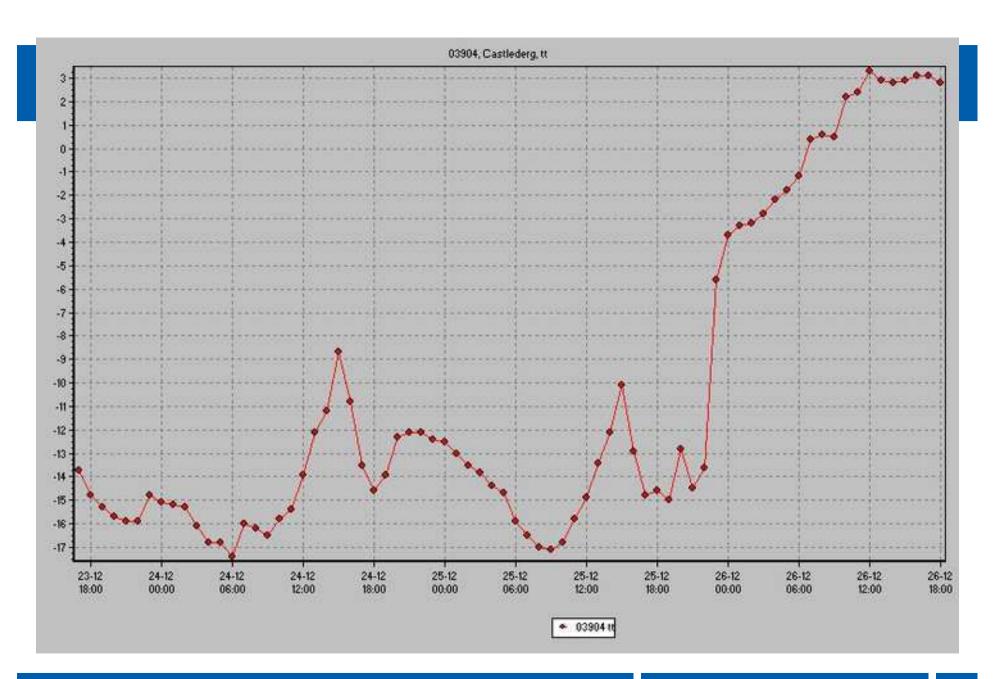
- Media
 - Interpreting models and ensuring a concise weather story
 - Forecasting!
 - Writing weather stories
 - Dealing with media calls
 - Dealing with clients
- Interpreting Charts
 - Winter Charts
 - Summer Charts
 - Recent Example





Media Calls



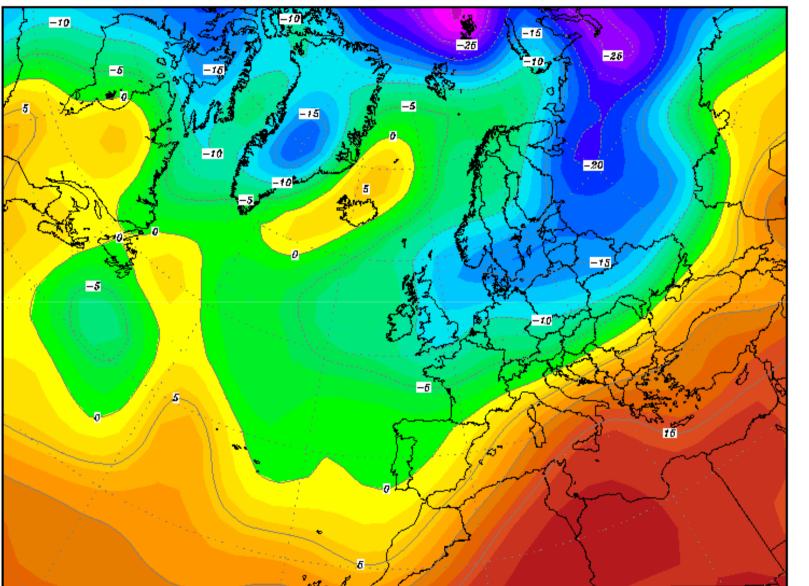




Winter Charts

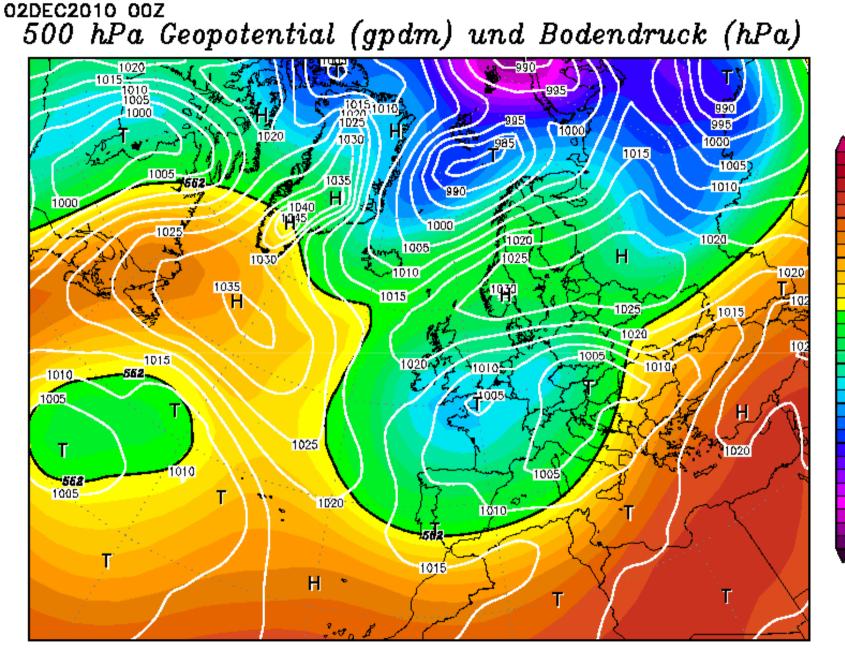
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850 hPa Temperatur (Grad C)

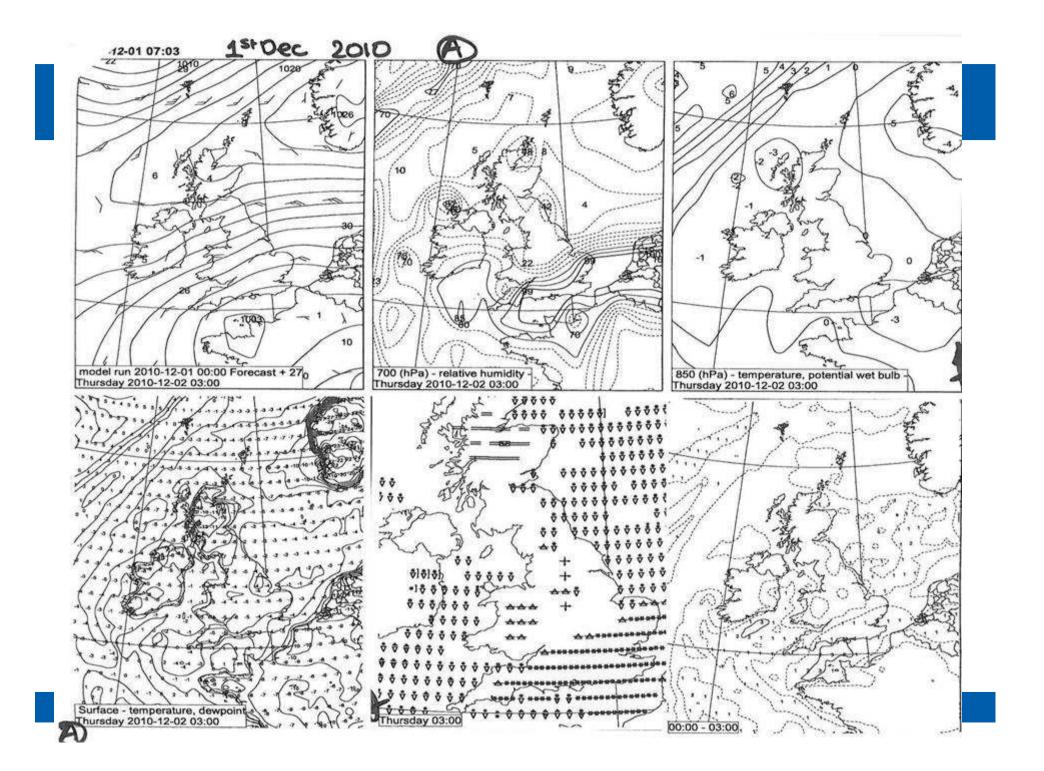


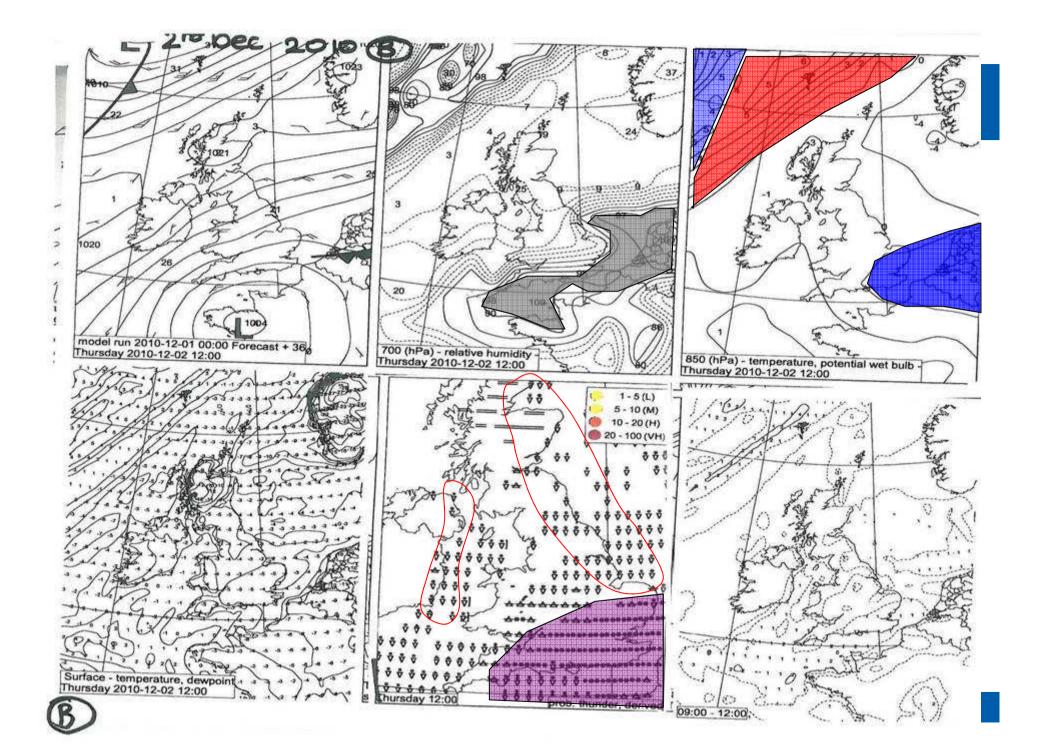
3226422086420 1111086420 -2 -6 -8 -10 -12 -14 -18 -20 -22 -24 -26 -30 -32 -34 -36

Daten: Reanalysis des NCEP (C) Wetterzentrale www.wetterzentrale.de



Daten: Reanalysis des NCEP (C) Wetterzentrale www.wetterzentrale.de





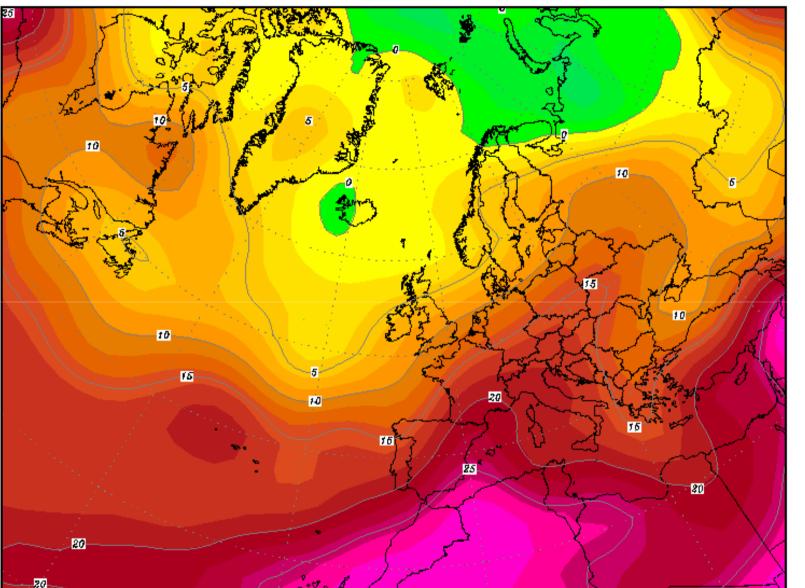


Summer Charts



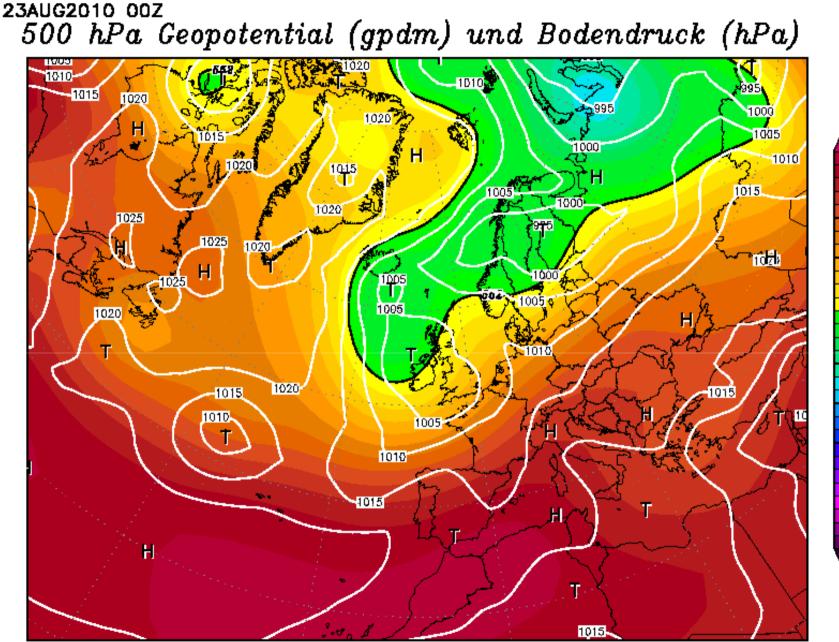
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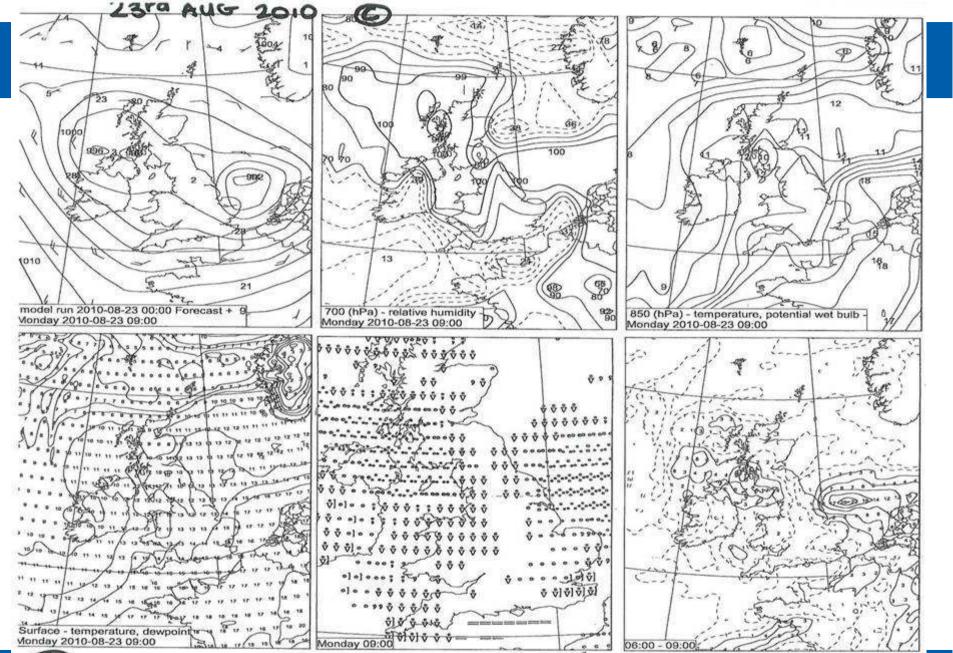




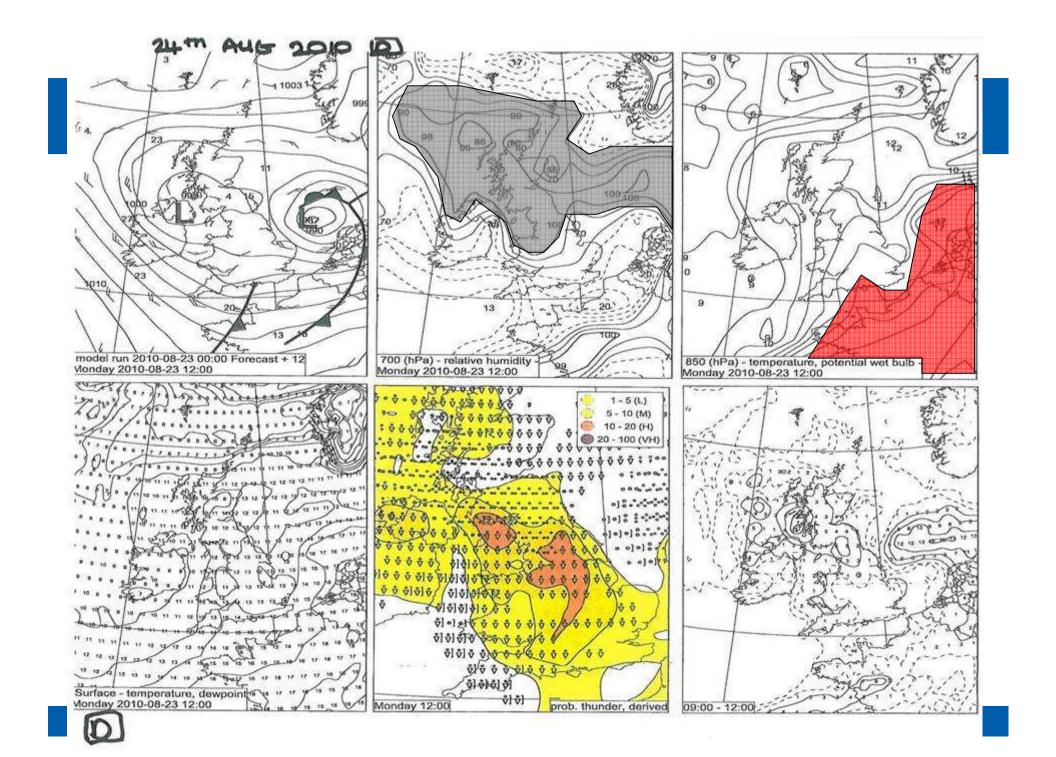
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Daten: Reanalysis des NCEP (C) Wetterzentrale www.wetterzentrale.de



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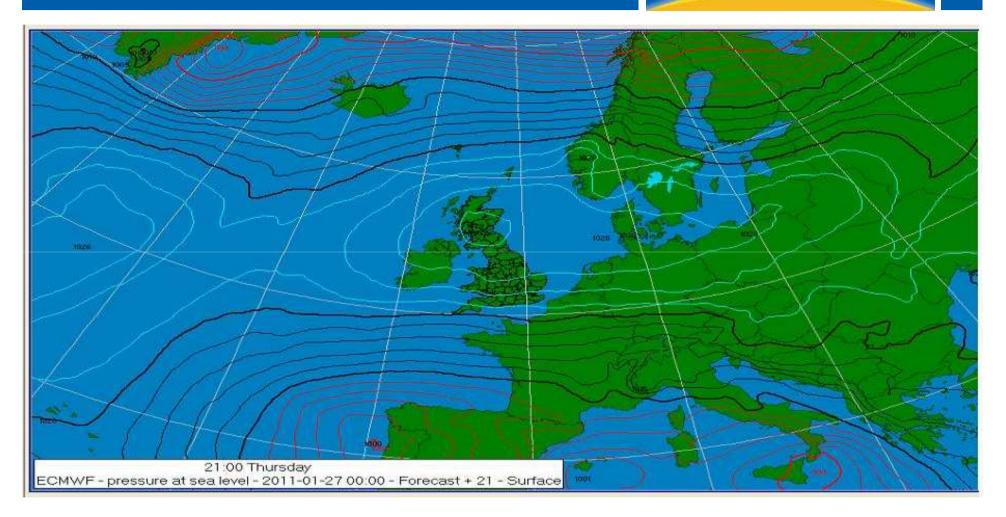


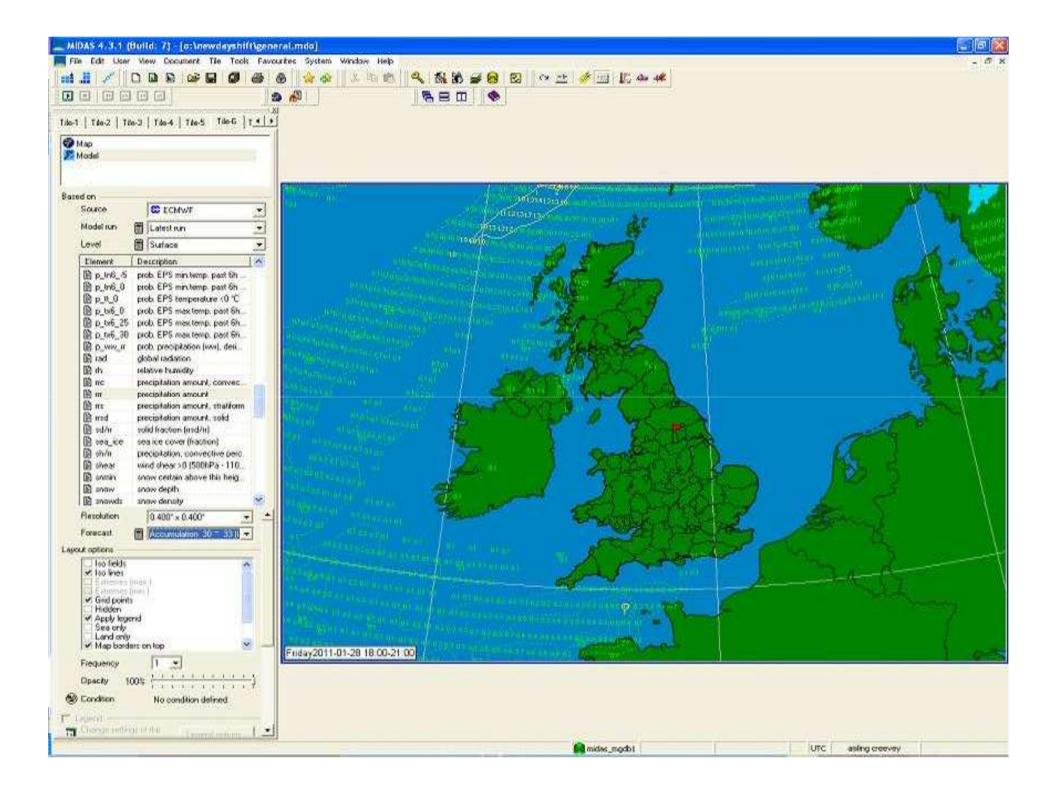
Recent Example



High Pressure Situation

MeteoGroup





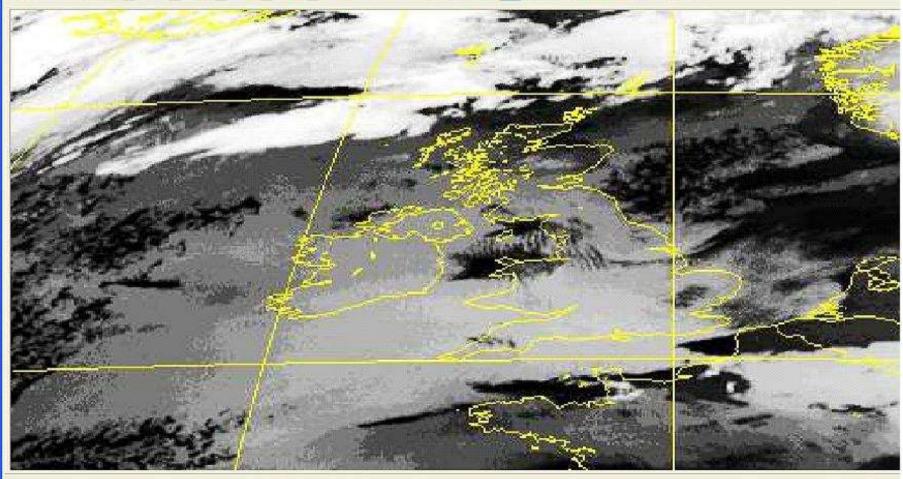
High pressure situation 27th January 2011. North-easterly winds.

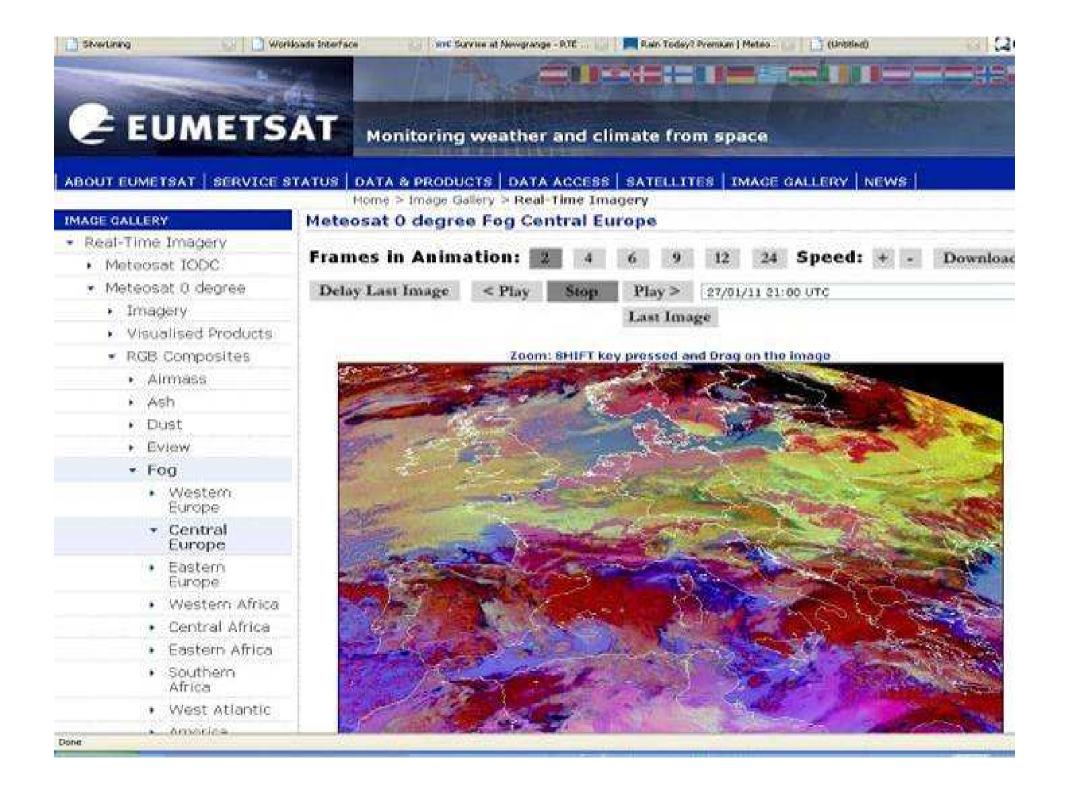
MeteoGroup

🚏 RadSat 3.1.0 (Build: 17) - [Infrared - 120 - UK - 27-01-2011 20:15]

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Precip Type

MeteoGroup



Final Thoughts

MeteoGroup

- The Advantages
 - Love what I do
 - Everyday is completely different
 - Great team
 - Observe weather history in the making
 - Private industry
- Disadvantages
 - Unsociable hours
 - High pressure
 - Private Industry
 - Your mistakes are very public!



Questions?

Useful Links



- www.meteogroup.co.uk
- www.raintoday.co.uk
- www.weatherpro.eu
- www.wetterzentrale.de
- www.eumetsat.int

SilverLining

MeteoGroup

• C ×	http://pahweathera	pp01/pagemakeup/forecaster.seam?cid=4052	
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