

# Week 15



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## Racon Beacons



Taken from:  
 THE ROLE AND POTENTIAL  
 FOR DEVELOPMENT OF  
 RADAR AIDS TO  
 NAVIGATION Nick Ward &  
 Martin Bransby General  
 Lighthouse Authorities of  
 the UK & Ireland



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# Meteorology 3



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# High Pressure Systems



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## High Pressure Systems

- Cold Air descending
- Fairly stable
- Clockwise circulation in the Northern Hemisphere
- Tend to be “static” and can block movement of Low Pressure systems



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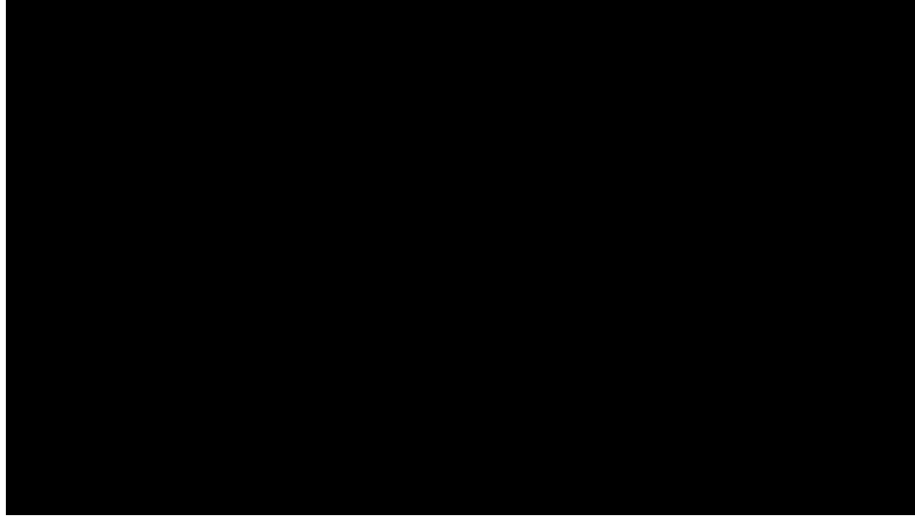
## Typical weather with High Pressure

- Summer
  - Good Weather:
    - sunny
    - little cloud
    - light winds
- Winter
  - Quiet Weather:
    - Murky – build up of air pollution
    - Frosty



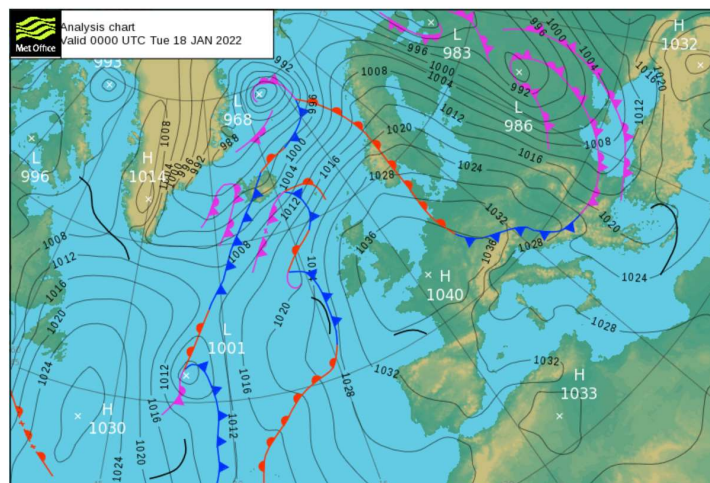
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## The Blocking High



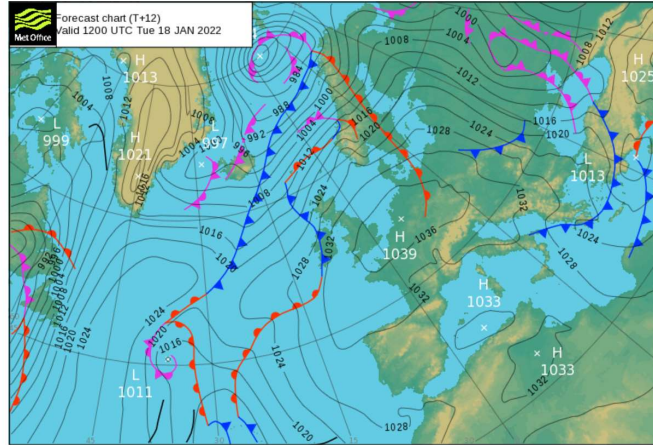
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## Synoptic Chart – T = 0001



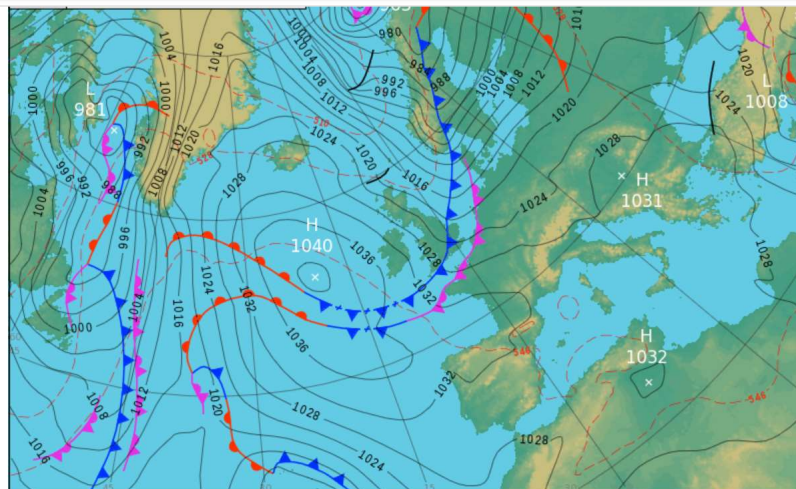
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# T + 12 hours



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# T + 36 hours



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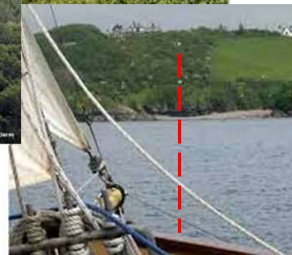
# Sources of Weather Information



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## Homework

- Exercise **“Pilotage”** page 28.
- Complete by **05 Feb**
- Send to David



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