

ASAS JMH
041200UTC APR.2009
SURFACE ANALYSIS

The map displays a complex weather pattern in the Western Pacific. A low-pressure system (L) is centered over the Philippines, with a pressure of 980 hPa. To its north, a high-pressure system (H) is located at 1032 hPa. A cold front (CF) extends from the high-pressure system towards the low-pressure system. A warm front (WF) extends from the low-pressure system towards the south. The map includes various weather symbols such as clouds, fog, and precipitation. Wind vectors and speeds are indicated throughout the region. The map also shows the outlines of the Philippines and the surrounding waters.

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The map displays a low-pressure system (L) centered over the Korean Peninsula with a minimum pressure of 980 hPa. To its north, another low-pressure system is labeled "ALMOST STAGNANT". High-pressure systems (H) are located to the northwest and northeast. Key features include:

- Pressure Contours:** Labeled values include 1024, 1026, 1028, 1030, 1032, 1000, and 1020.
- Fronts:** A cold front (indicated by triangles) extends south from the northern high-pressure area. A warm front (indicated by semicircles) extends southeast from the Korean low. Other frontal boundaries are shown near the Japanese archipelago.
- Weather Conditions:** Areas of fog [w] and rain [r] are indicated along the frontal boundaries. Wind speeds are noted as 10KT, 15KT, and 20KT.
- Geographical Labels:** "KOREA" is labeled across the peninsula. "SEA OF JAPAN" is visible to the east.

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