



Sand Storm Monitoring in China

CHINA NATIONAL ENVIRONMENTAL
MONITORING CENTER (CNEMC)

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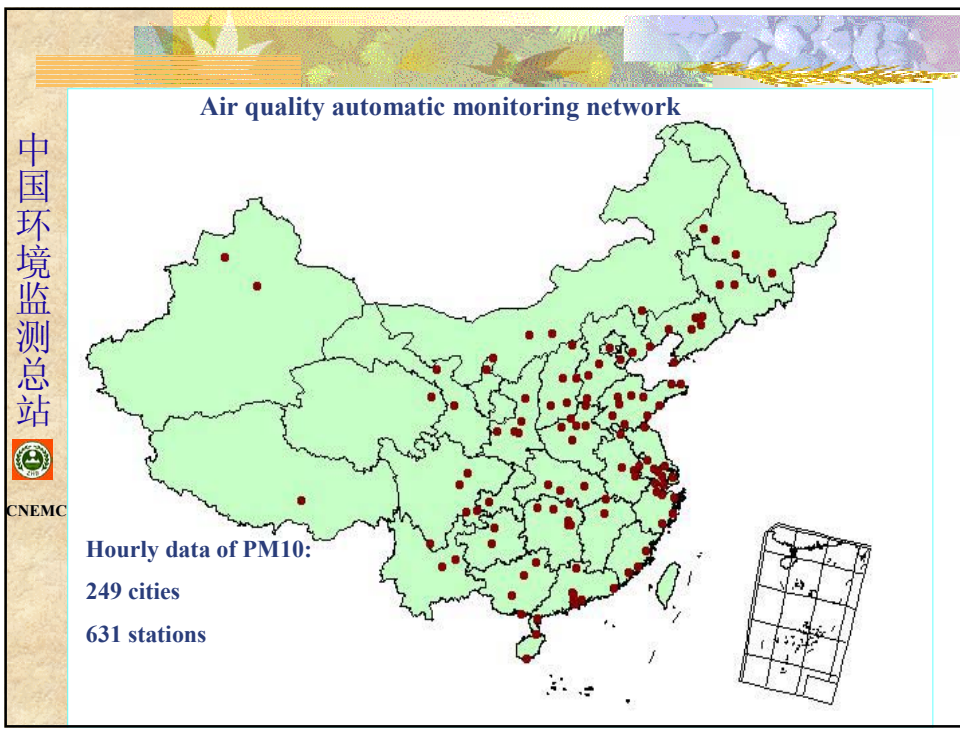
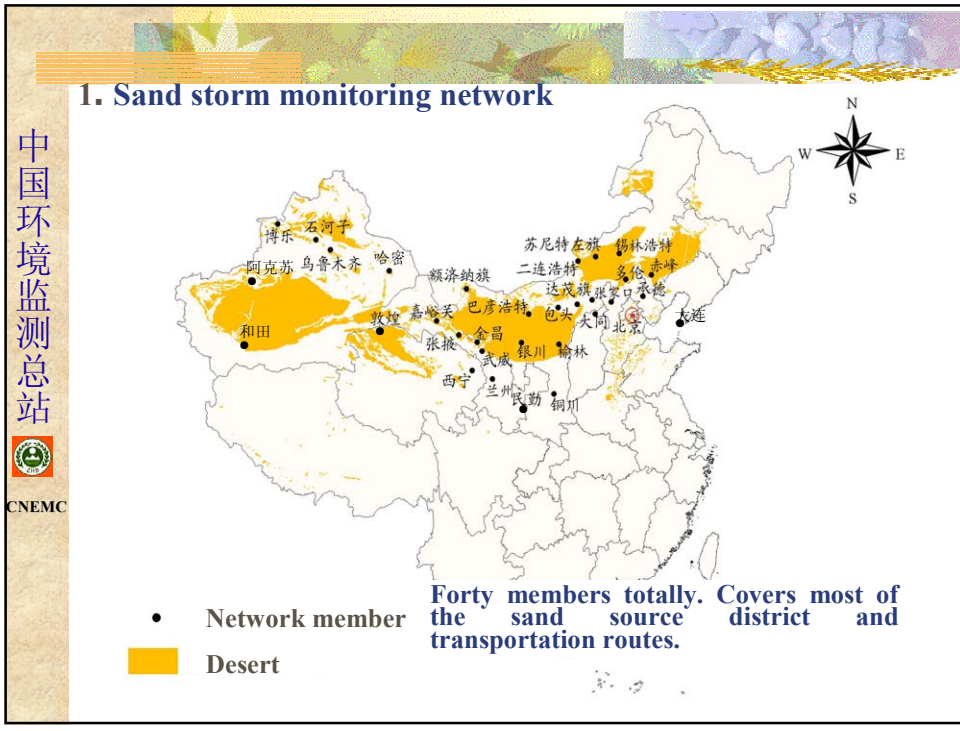
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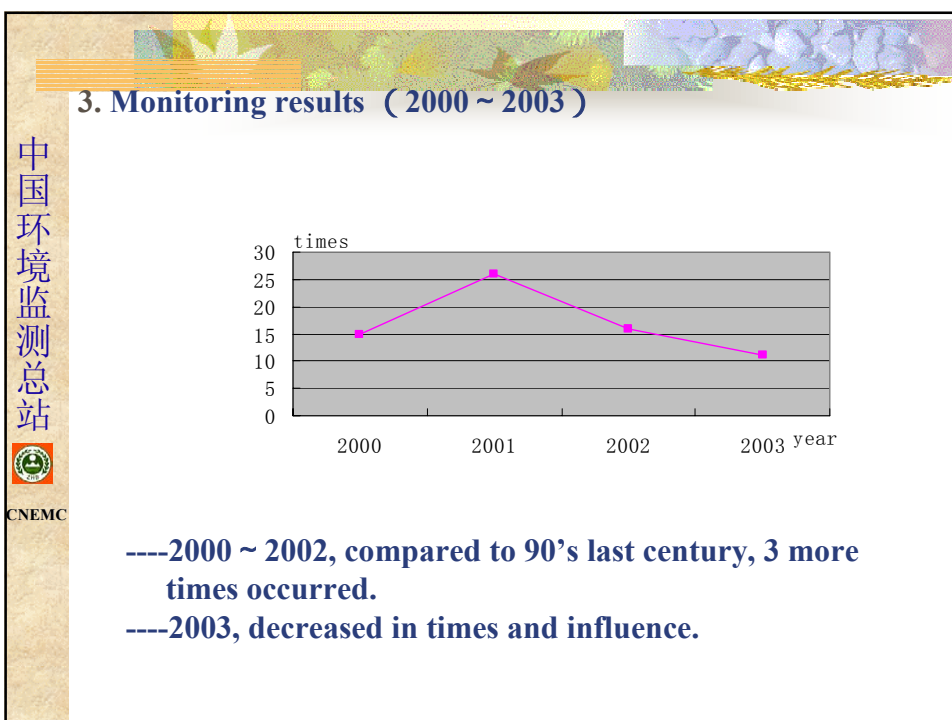
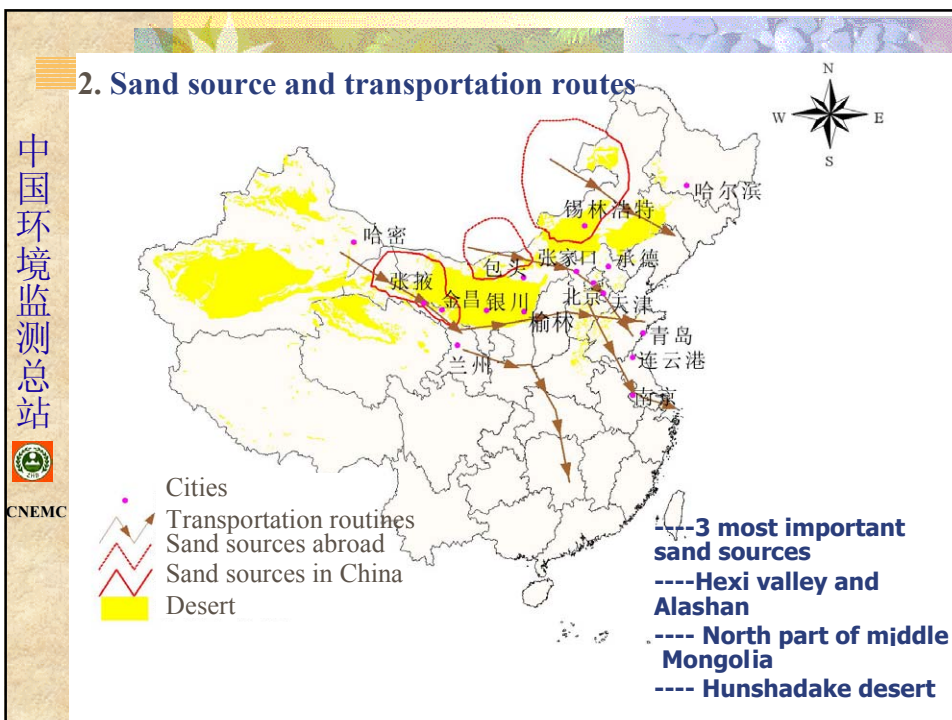
---- Sand Storm Monitoring network

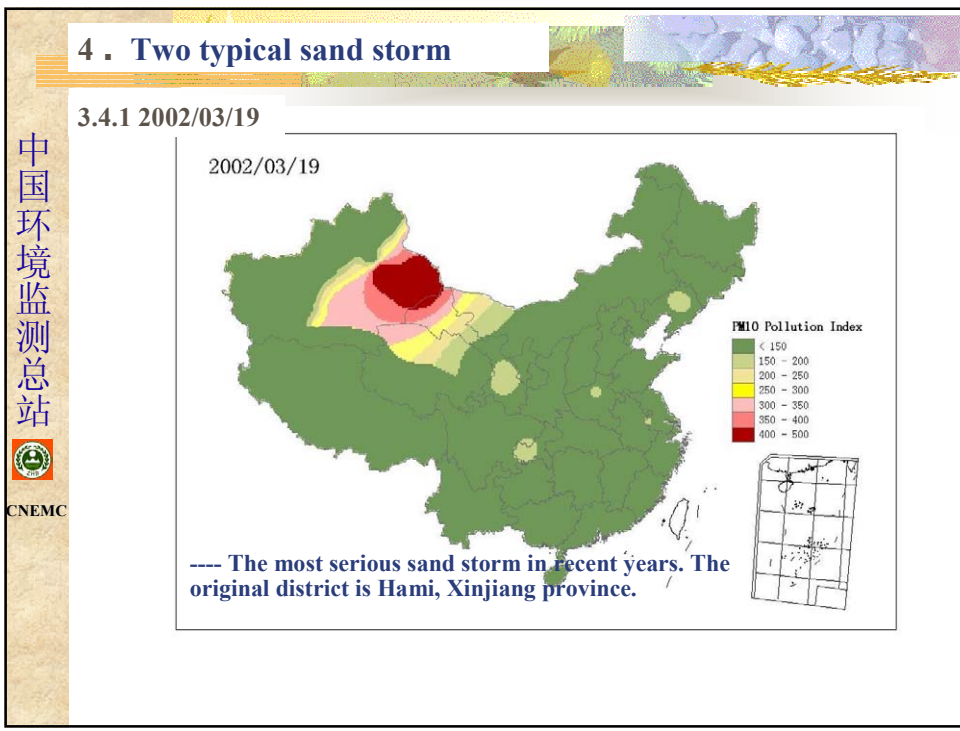
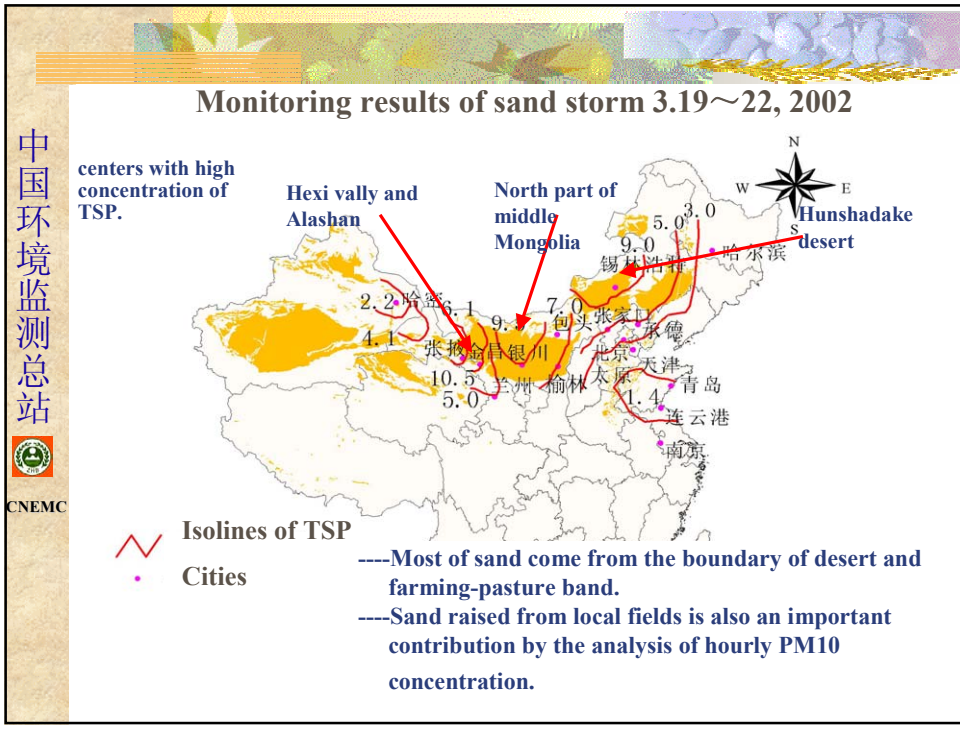
---- Sand source and transportation
routes

---- Monitoring results

---- Two typical sand storm

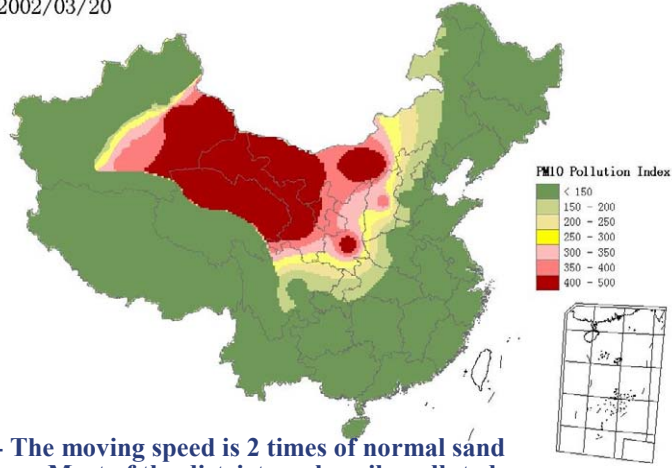








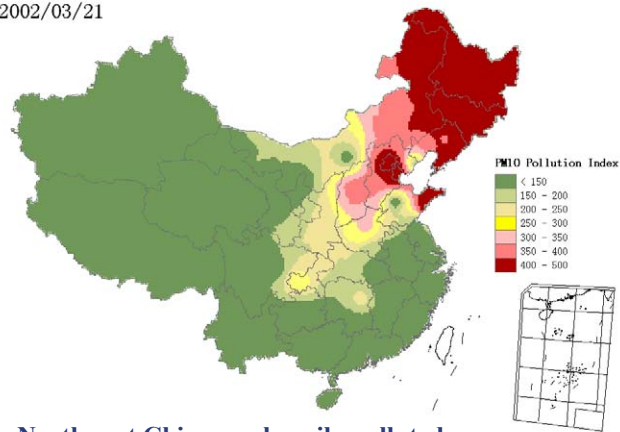
2002/03/20



---- The moving speed is 2 times of normal sand storm. Most of the district are heavily polluted, two districts with higher PM10 concentration.



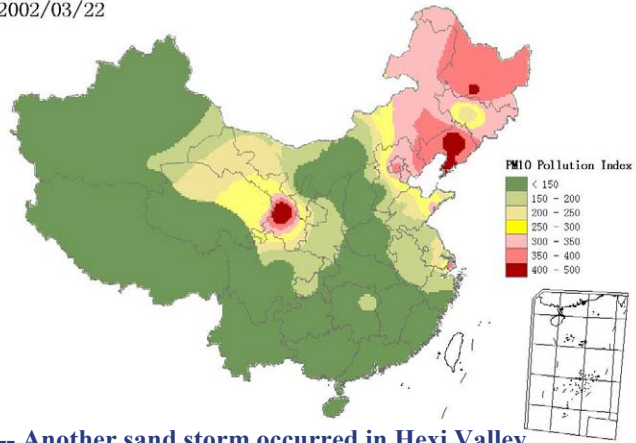
2002/03/21



---- North east China are heavily polluted, some sand source was determined upwards.



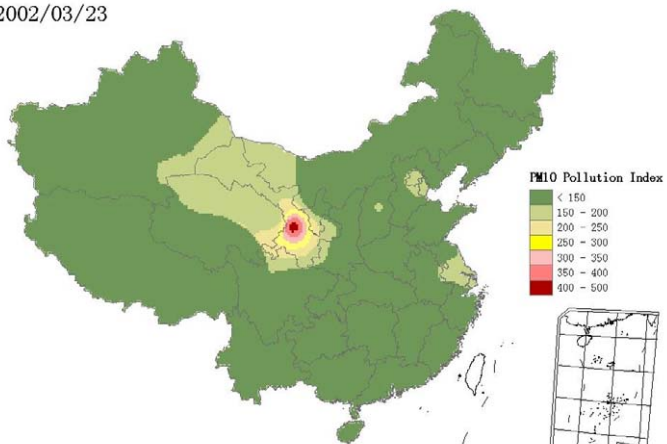
2002/03/22



--- Another sand storm occurred in Hexi Valley.



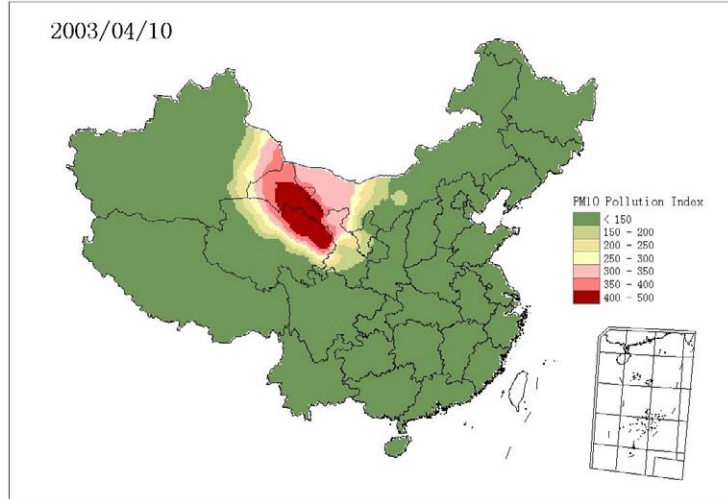
2002/03/23



--- It disappeared very soon, and didn't cover other district.



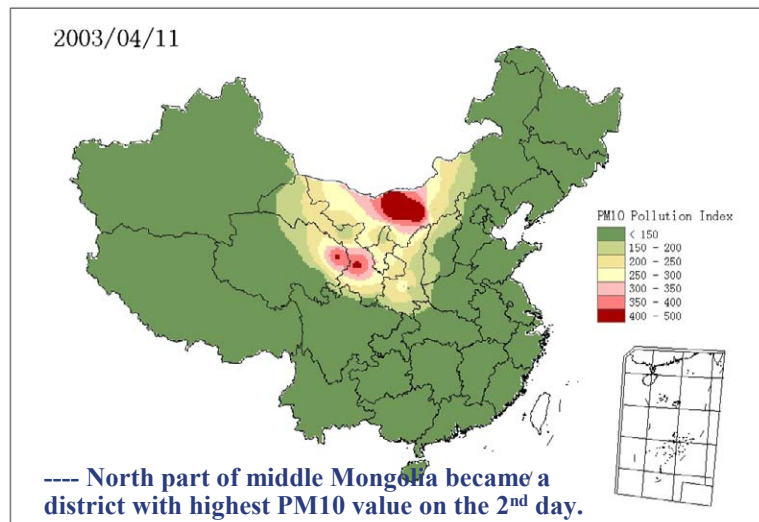
2003/04/10



---Hexi Valley is the district with highest PM10 value.



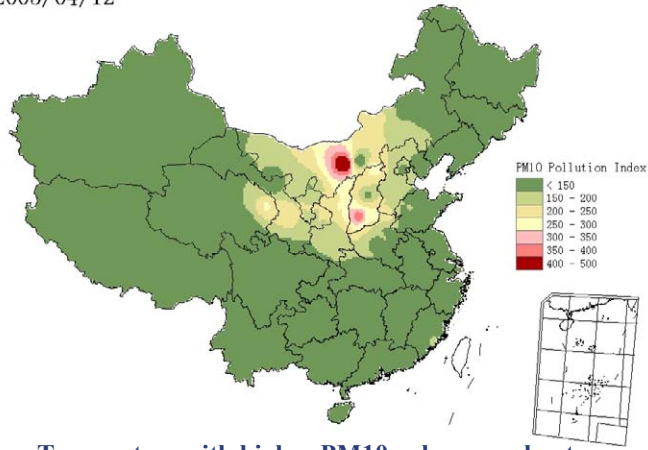
2003/04/11



--- North part of middle Mongolia became a district with highest PM10 value on the 2nd day.



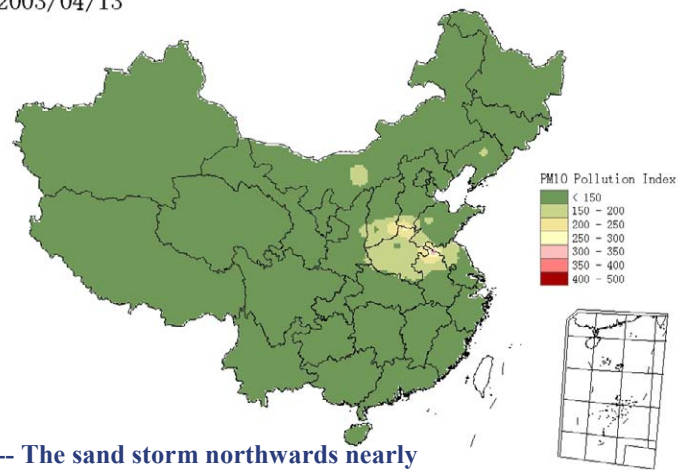
2003/04/12



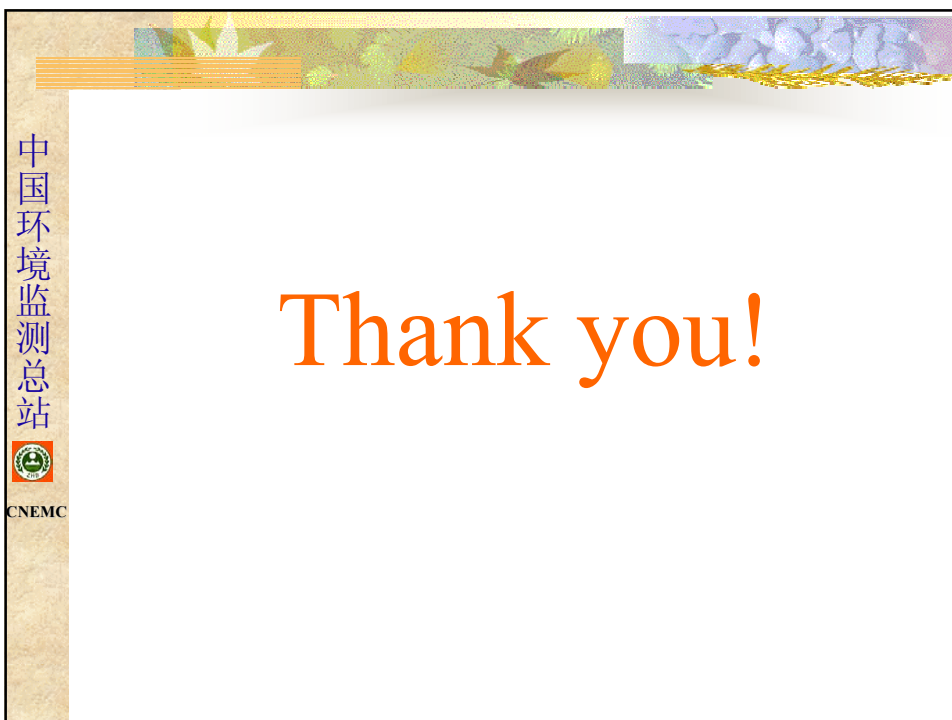
---- Two centers with higher PM10 value were kept as the sand storm moving eastwards on the 3rd day.



2003/04/13



---- The sand storm northwards nearly disappeared on the 4th day, but the sand storm southwards also had some influence.



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环境
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Thank you!