

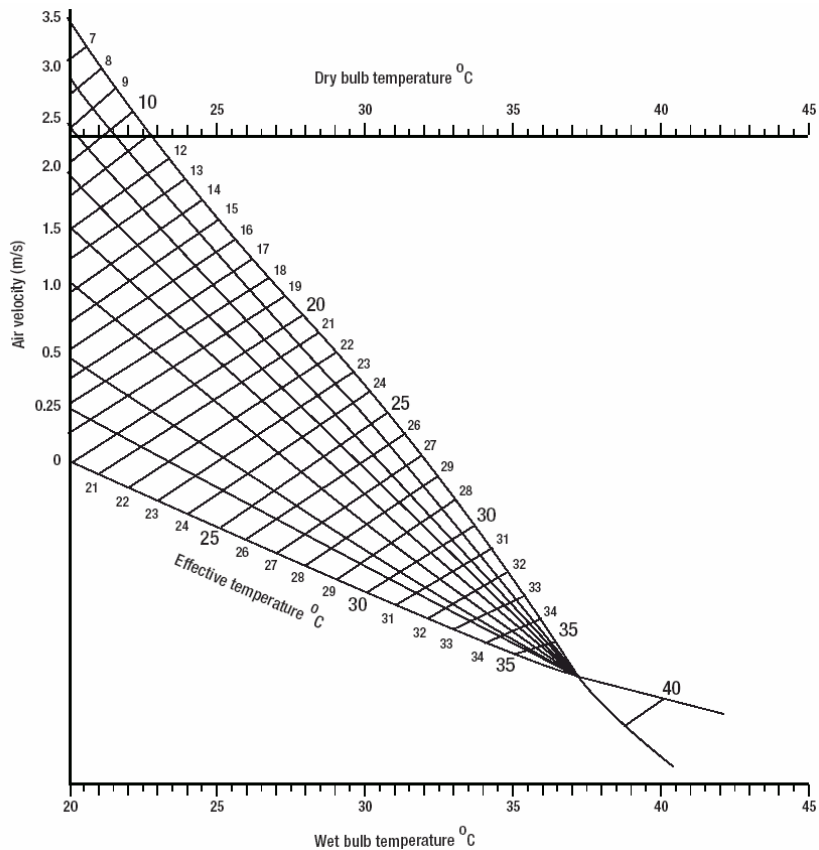
CDC MMWR Weekly. May 2006 Vol. 55(20) p 563 – 564
Update: Fusarium Keratitis --- United States, 2005—2006

Fusarium Keratitis is a very serious fungal infection of the eye. In a recent cluster of cases 31% needed corneal transplantation. In the past, infections were associated with damage to the eye caused by plant material but the recent cluster of cases was probably associated with use of contact lenses and Bausch & Lomb's ReNu with MoistureLoc[®] contact lens solution. An initial estimate of the relative risk was OR = 19.0 (95% CI = 2.4 to 945). The product was withdrawn on the 13th April 2006, from the US and was removed permanently from the worldwide market on the 15th of May 2006.



HSE Publications July 2006. WEB13
Prevention of heat illness in mines

Although much of the guidance is intended for use in mining situations it also has quite general application to physically demanding work in hot environments. It focuses on the effects of humidity in control of body temperature and advises on fluid intake, working methods, and early warning signs of adverse outcomes. A wet bulb temperature of 32°C is provided as a limit beyond which extra precautions should be taken, similarly, an "Effective Temperature" (ET) greater than 30°C is suggested. [ET takes account of air speed]. The relationships between Wet bulb, Dry Bulb and Effective temperature is indicated on the following chart (when humidity is a saturation point):



Wet bulb temperature would be lower than dry bulb when the air is not saturated with water vapour. Body temperature is 37°C. The graph takes a bit of getting used to.