

Suppose that the time label on a weather map, satellite image, or meteogram is 12Z UTC (that is, 12:00 or noon, standard time, in Greenwich, England). What would the local time be at places on Pacific Standard Time (PST) (such as San Francisco right now)?

(A) 12 noon

(C) 4 a.m.

(B) 4 p.m.

(D) 8 p.m.

What would the PST time be if the UTC time were 18Z (18:00, or 6 pm standard time in Greenwich, England)?

- (A) 6 p.m.
- (B) 12:00 midnight the next day
- (C) 10 p.m.
- (D) 10 a.m.

What would the PST time be if the UTC time were 00Z (00:00, or 12 a.m., or midnight standard time in Greenwich, England)?

- (A) midnight
- (B) 8 a.m. on the same day
- (C) 8 p.m. on the previous day
- (D) 4 p.m. on the previous day