**Figure S1.** Annual coefficients of determination ($R^2$) between the baseline of daily MDA8 and SSR.
Figure S2. Annual coefficients of determination ($R^2$) between the baseline of daily MDA8 and T.

Figure S3. Annual coefficients of determination ($R^2$) between the baseline of daily MDA8 and RH.
Figure S4. Annual coefficients of determination ($R^2$) between the baseline of daily MDA8 and $u$.

Figure S5. Annual coefficients of determination ($R^2$) between the baseline of daily MDA8 and $v$. 
Figure S6. Annual variances of each meteorological variable.