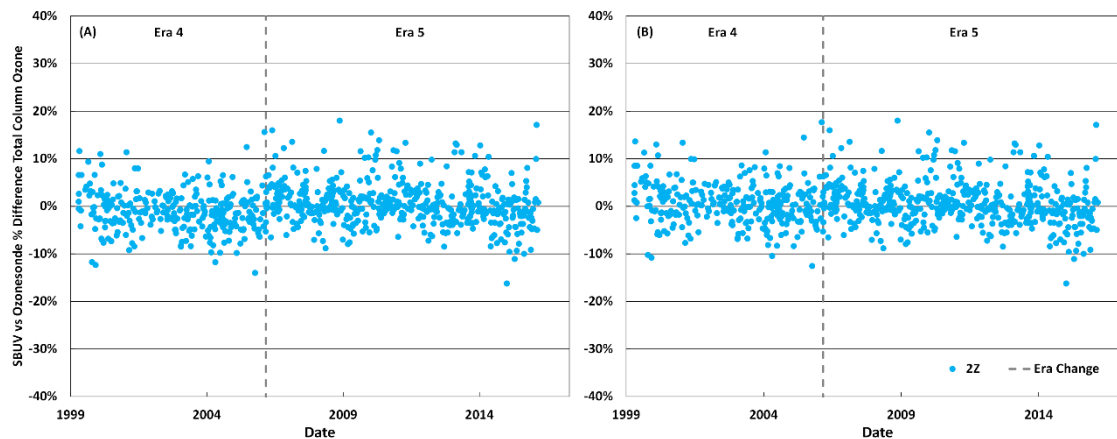
Supplemental Material

Figure S1: Suva, Fiji SBUV vs Ozonesonde total column ozone comparison before (A) and after (B) applying ozone sensor efficiency.

5   **Figure S2: Huntsville, Alabama SBUV vs Ozonesonde total column ozone comparison before (A) and after (B) applying the ozone sensor efficiency.**

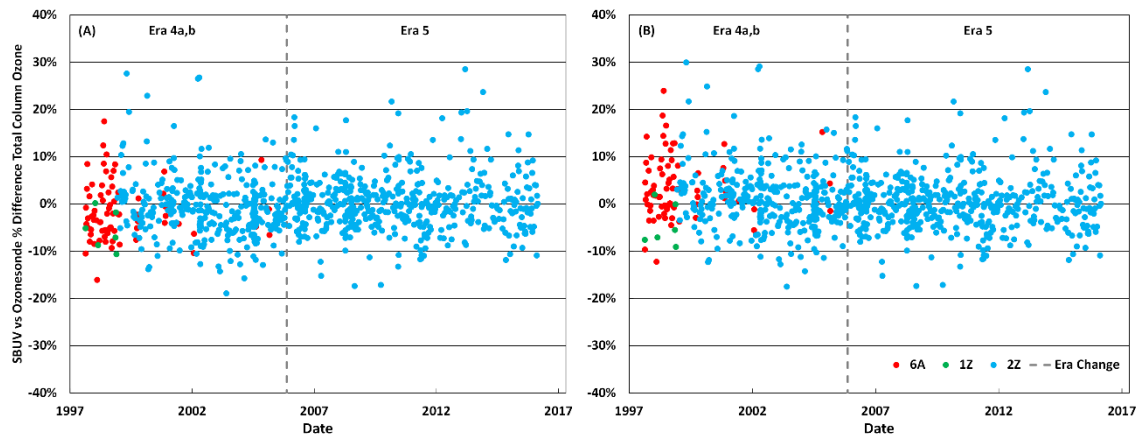
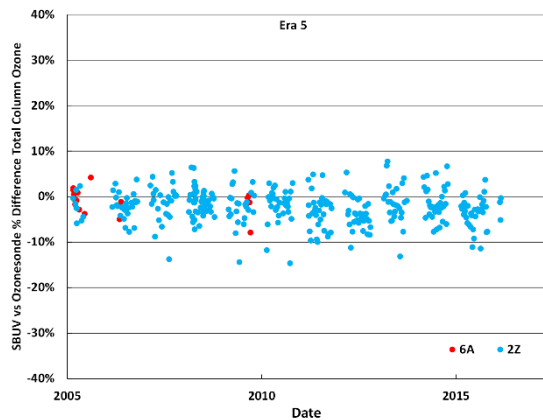



Figure S3: Trinidad Head, California SBUV vs Ozonesonde total column ozone comparison before (A) and after (B) applying the ozone sensor efficiency.

5   **Figure S4: Summit, Greenland SBUV vs Ozonesonde total column ozone comparison after applying ozone sensor efficiency.**

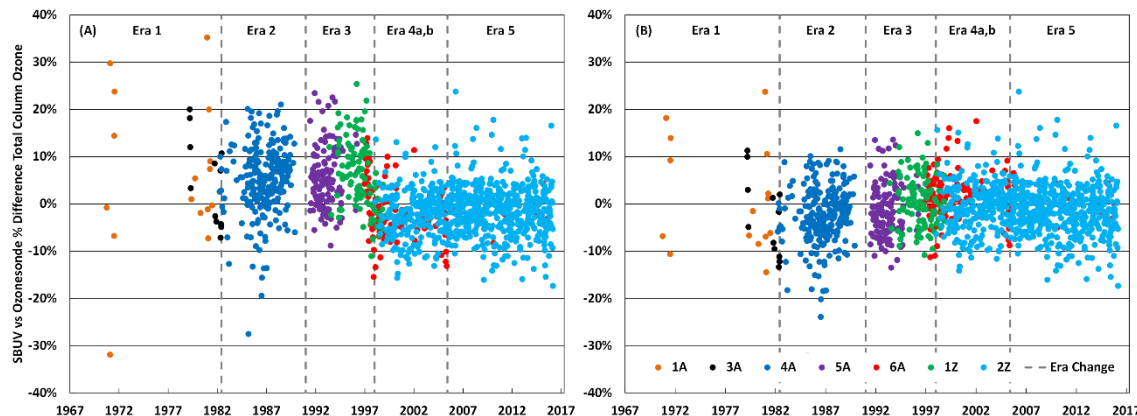



Figure S5: Boulder, CO Dobson vs Ozonesonde total column ozone comparison before (A) and after (B) applying ozone sensor efficiency.

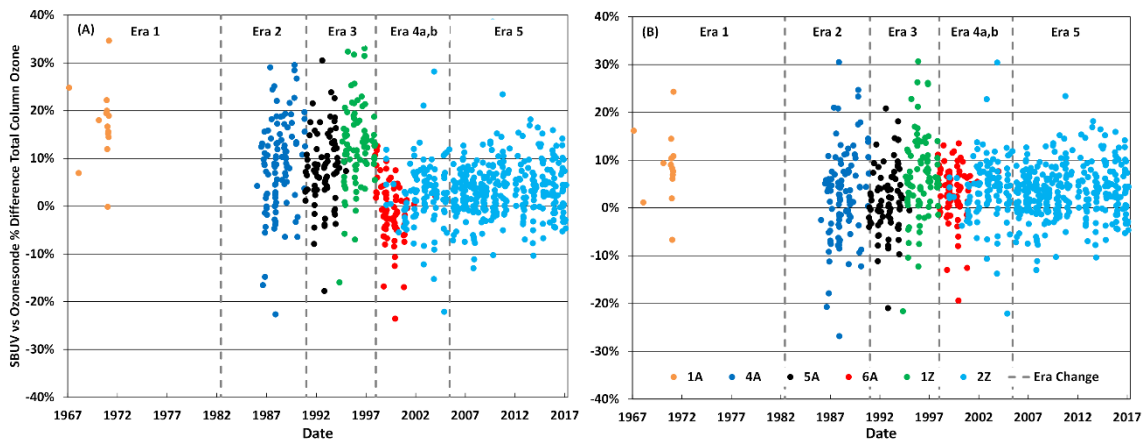
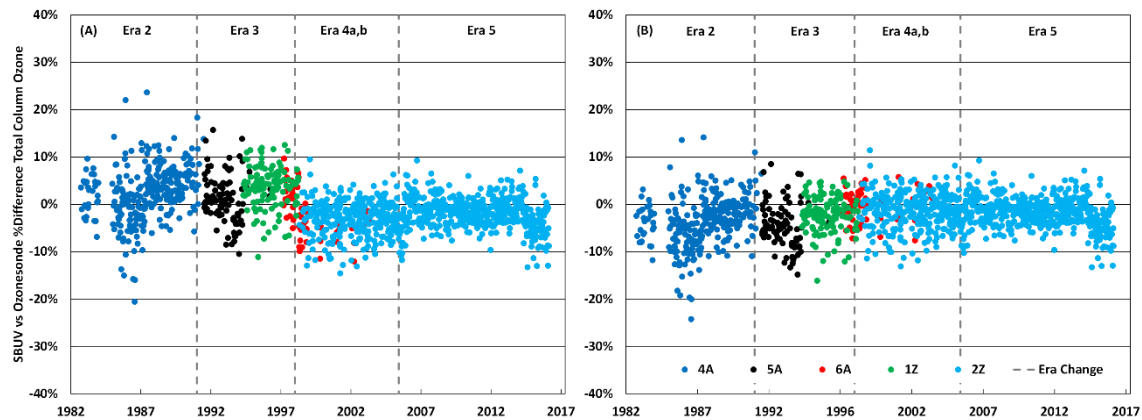



Figure S6: South Pole Dobson vs Ozonesonde total column ozone comparison before (A) and after (B) applying ozone sensor efficiency.

5   **Figure S7: Hilo, HI Dobson vs Ozonesonde total column ozone comparison before (A) and after (B) applying ozone sensor efficiency.**

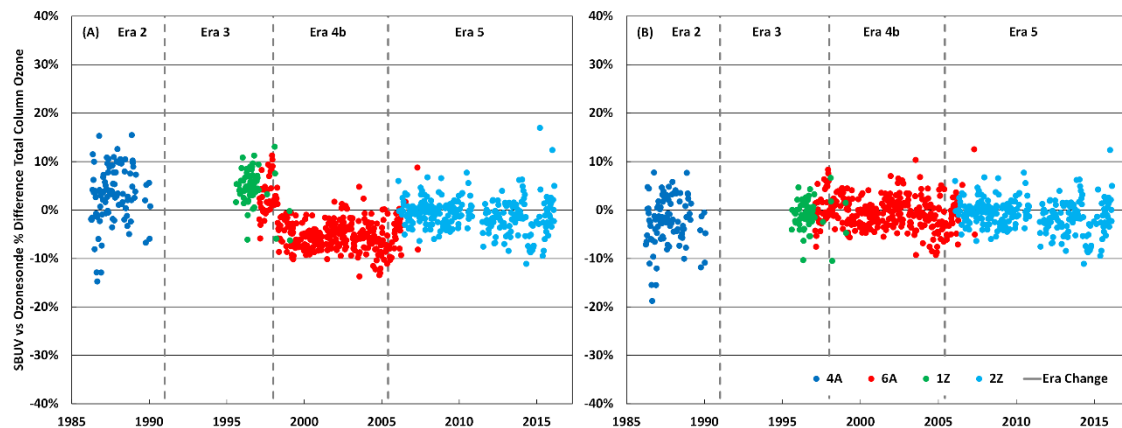



Figure S8: Pago Pago, American Samoa Dobson vs Ozonesonde total column ozone comparison before (A) and after (B) applying ozone sensor efficiency.