APPENDIX E

2018 Visibility Projects at VISTAS and Nearby Class I Areas for the Worst 20 Percent Days using EPA Default Approach and Comparison with 2018 Uniform Rate of Progress

2018 VISIBILITY PROJECTS AT VISTAS AND NEARBY CLASS I AREAS FOR THE WORST 20 PERCENT DAYS USING EPA DEFAULT APPROACH AND COMPARISON WITH 2018 UNIFORM RATE OF PROGRESS

VISTAS Class I Areas

- Figure E-1: Sipsey Wilderness Area (SIPS), Alabama
- Figure E-2: Chassahowitzka Wildlife Refuge (CHAS), Florida
- Figure E-3: Everglades National Park (EVER), Florida
- Figure E-4: St. Marks Wildlife Refuge (SAMA), Florida
- Figure E-5: Cohutta Wilderness Area (COHU), Georgia
- Figure E-6: Okefenokee Wildlife Refuge (OKEF), Georgia
- Figure E-7: Mammoth Cave National Park (MACA), Kentucky
- Figure E-8: Linville Gorge Wilderness Area (LIGO), North Carolina
- Figure E-9: Shining Rock Wilderness Area (SHRO), North Carolina
- Figure E-10: Swanquarter Wildlife Refuge (SWAN), North Carolina
- Figure E-11: Cape Romain Wildlife Refuge (ROMA), South Carolina
- Figure E-12: Great Smoky Mountains National Park (GRSM), Tennessee-North Carolina
- Figure E-13: James River Face Wilderness Area (JARI), Virginia
- Figure E-14: Shenandoah National Park (SHEN), Virginia
- Figure E-15: Dolly Sods Wilderness Area (DOSO), West Virginia

Nearby Class I Areas

- Figure E-16: Breton Island Wildlife Refuge (BRET), Louisiana
- Figure E-17: Caney Creek Wilderness Area (CACR), Arkansas
- Figure E-18: Upper Buffalo Wilderness Area (UPBU), Arkansas
- Figure E-19: Mingo Wildlife Refuge (MING), Missouri
- Figure E-20: Hercules Glade Wilderness Area (HEGL), Missouri
- Figure E-21: Brigantine Wildlife Refuge (BRIG), New Jersey

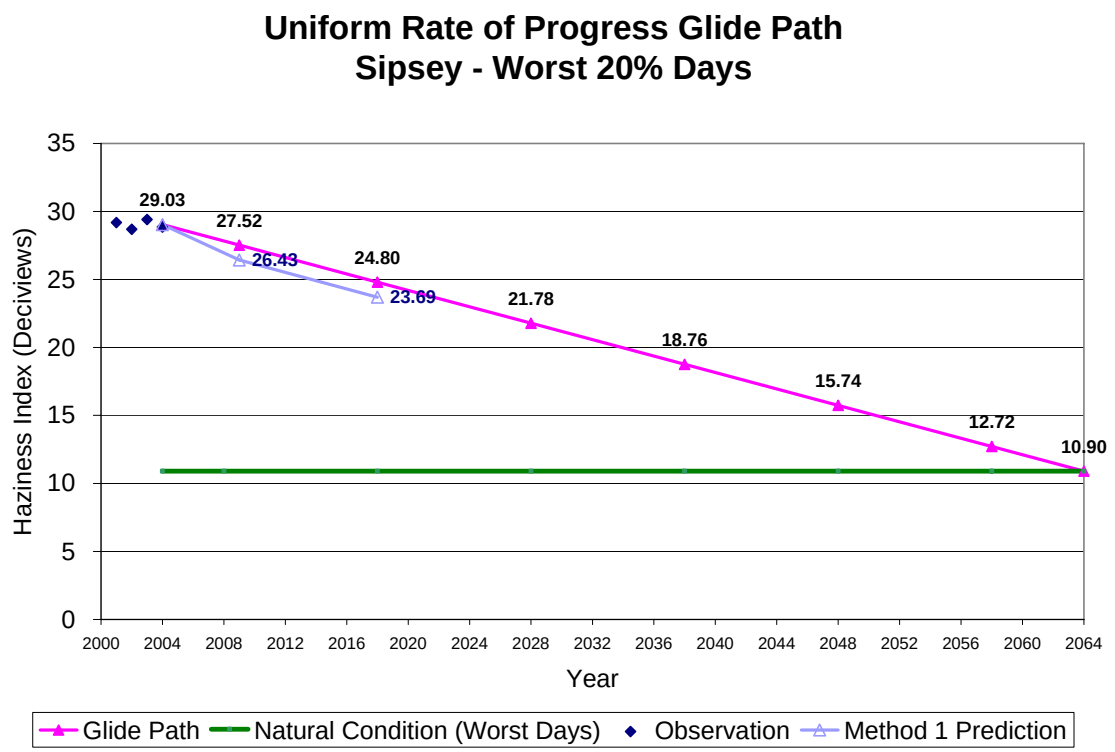

Figure E-1a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Sipsey (SIPS), Alabama and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

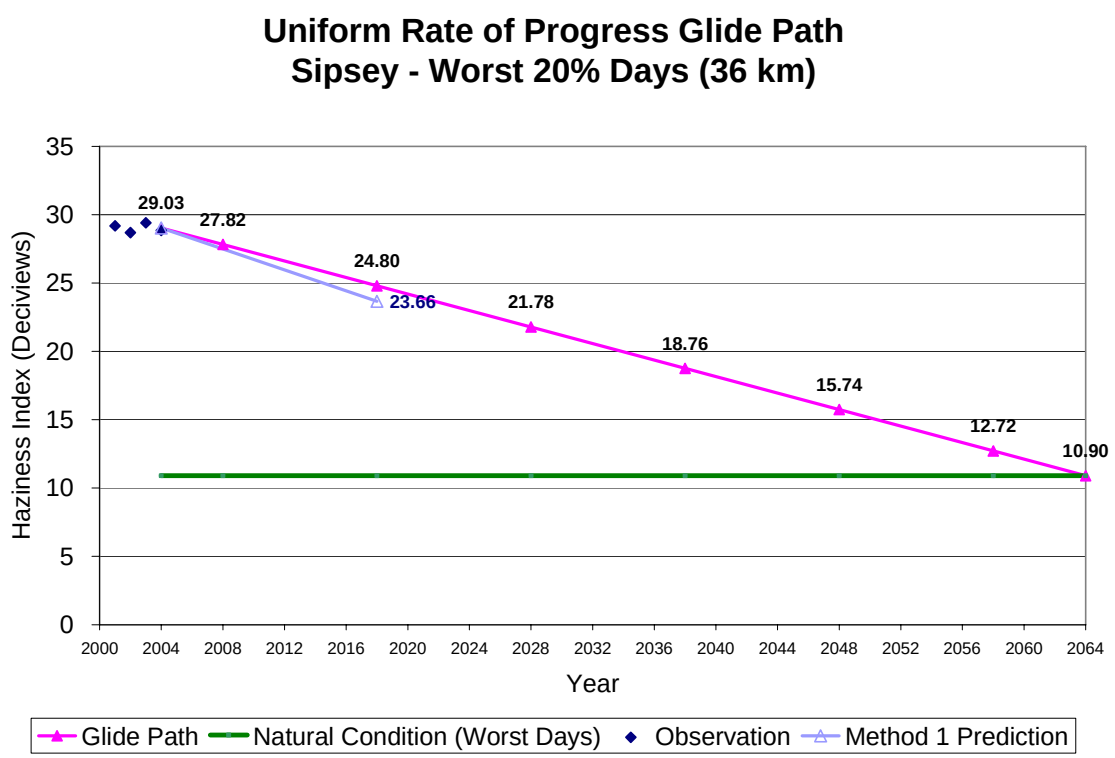

Figure E-1b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Sipsey (SIPS), Alabama and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

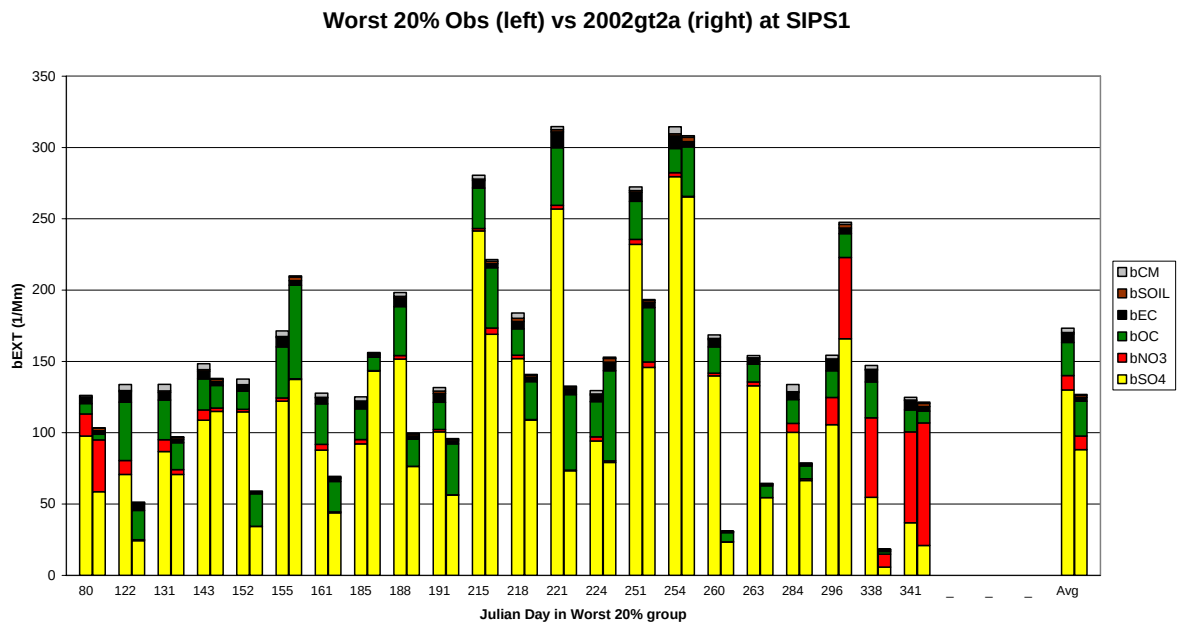

Figure E-1c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Sipsey (SIPS), Alabama and Worst 20% (W20%) days in 2002.

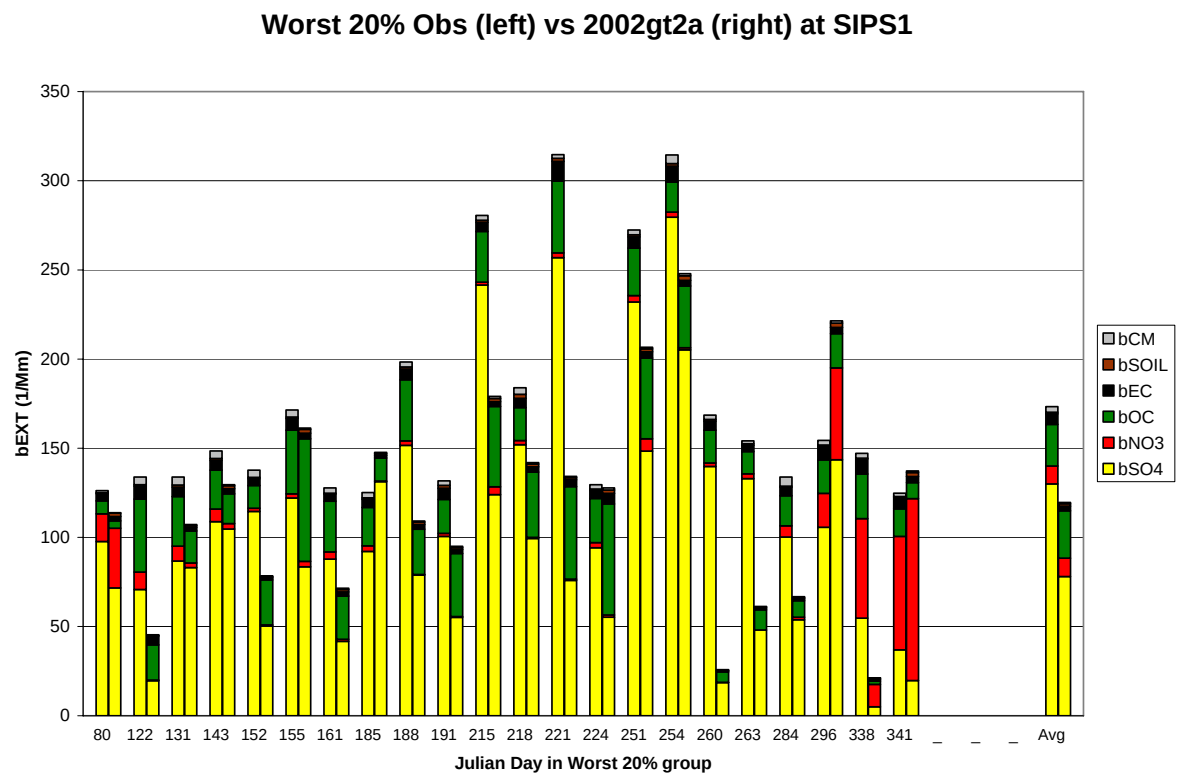

Figure E-1d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Sipsey (SIPS), Alabama and Worst 20% (W20%) days in 2002.

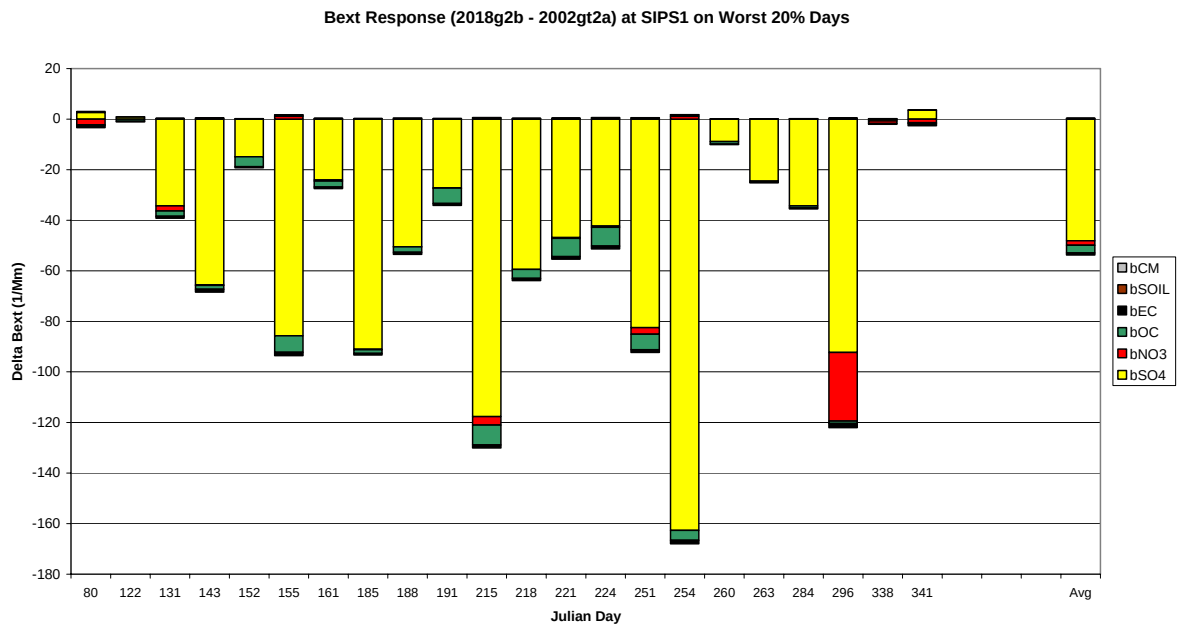

Figure E-1e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Sipsey (SIPS), Alabama and Worst 20% (W20%) days in 2002.

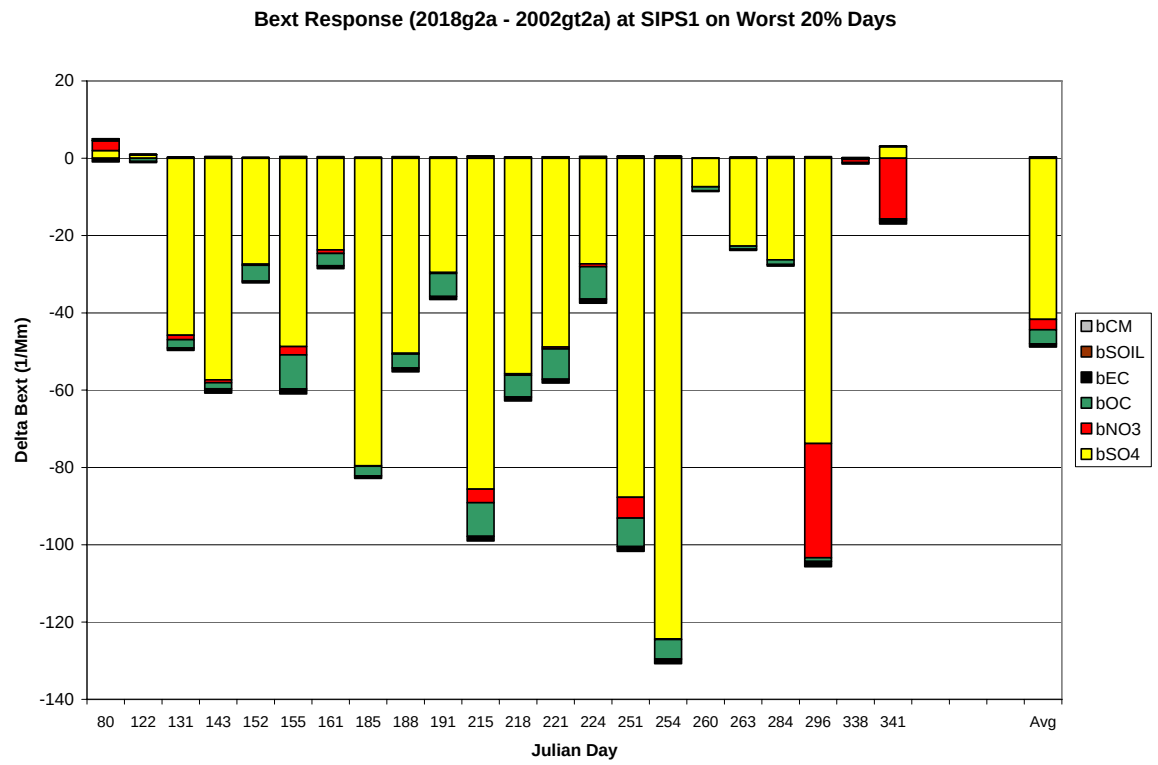

Figure E-1f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Sipsey (SIPS), Alabama and Worst 20% (W20%) days in 2002.

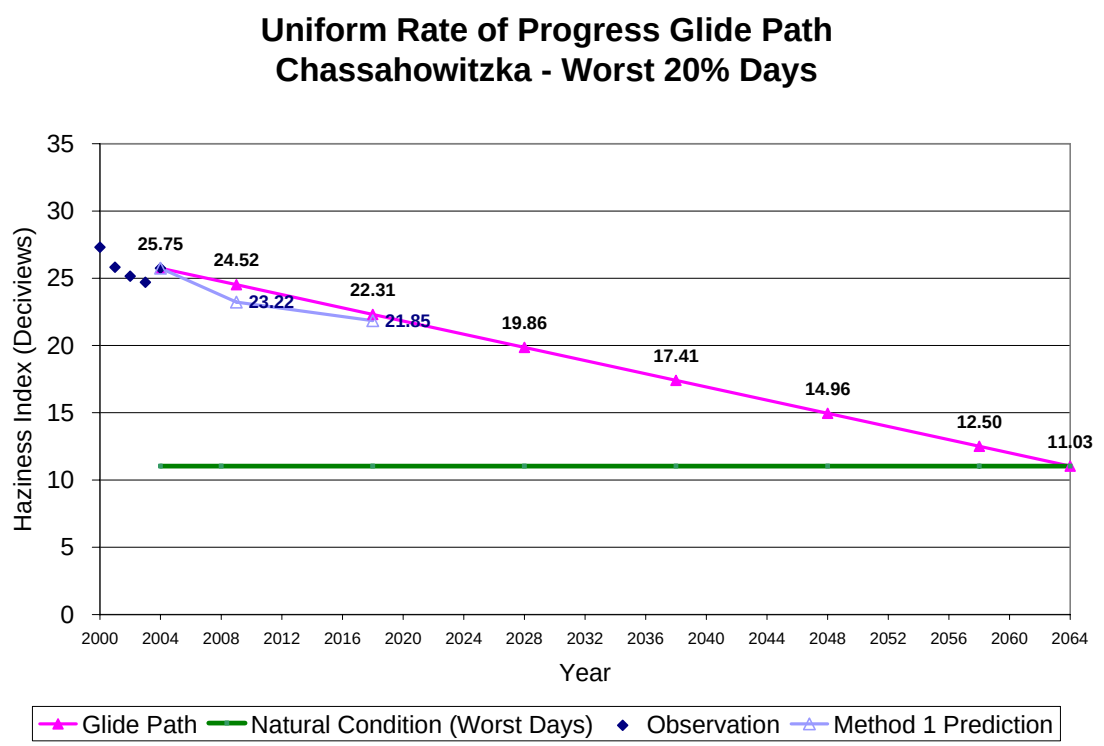

Figure E-2a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Chassahowitzka (CHAS), Florida and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

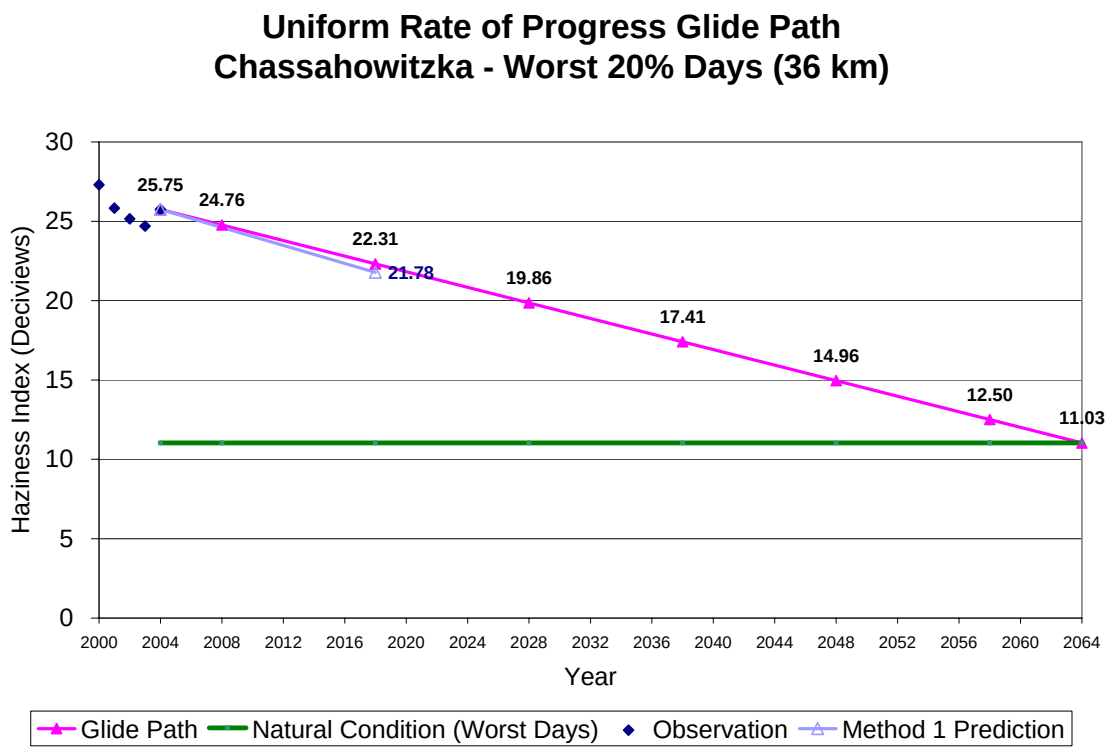

Figure E-2b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Chassahowitzka (CHAS), Florida and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results

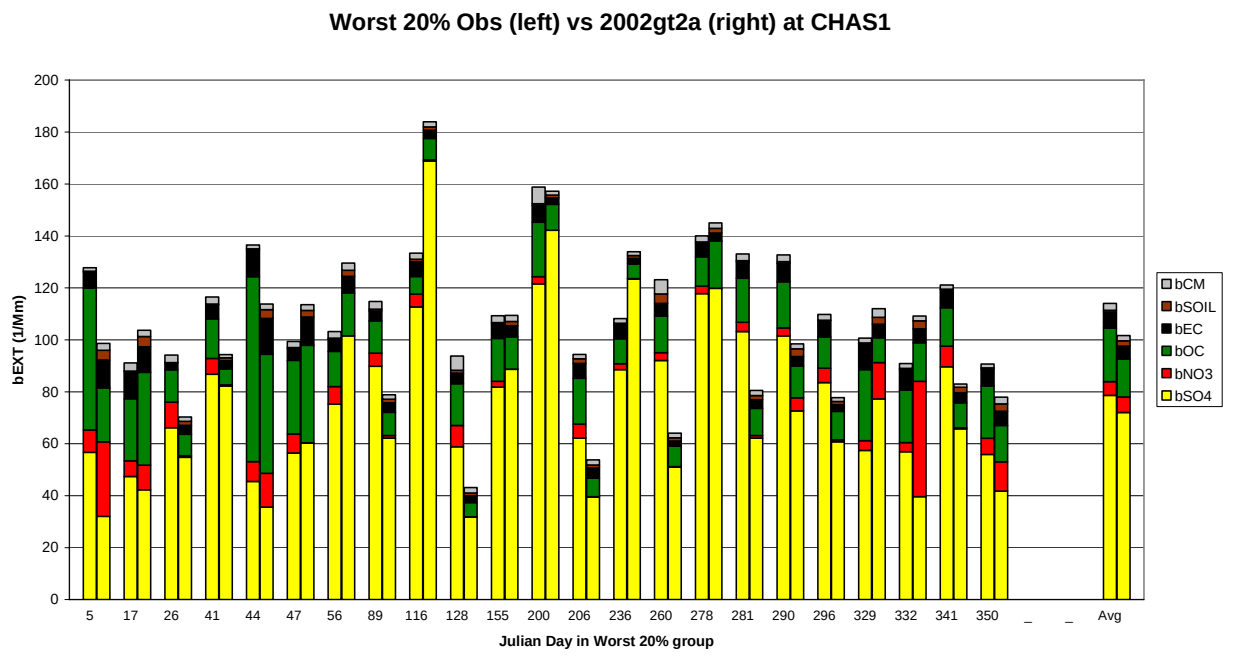

Figure E-2c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Chassahowitzka Wildlife Refuge (CHAS), Florida and Worst 20% (W20%) days in 2002.

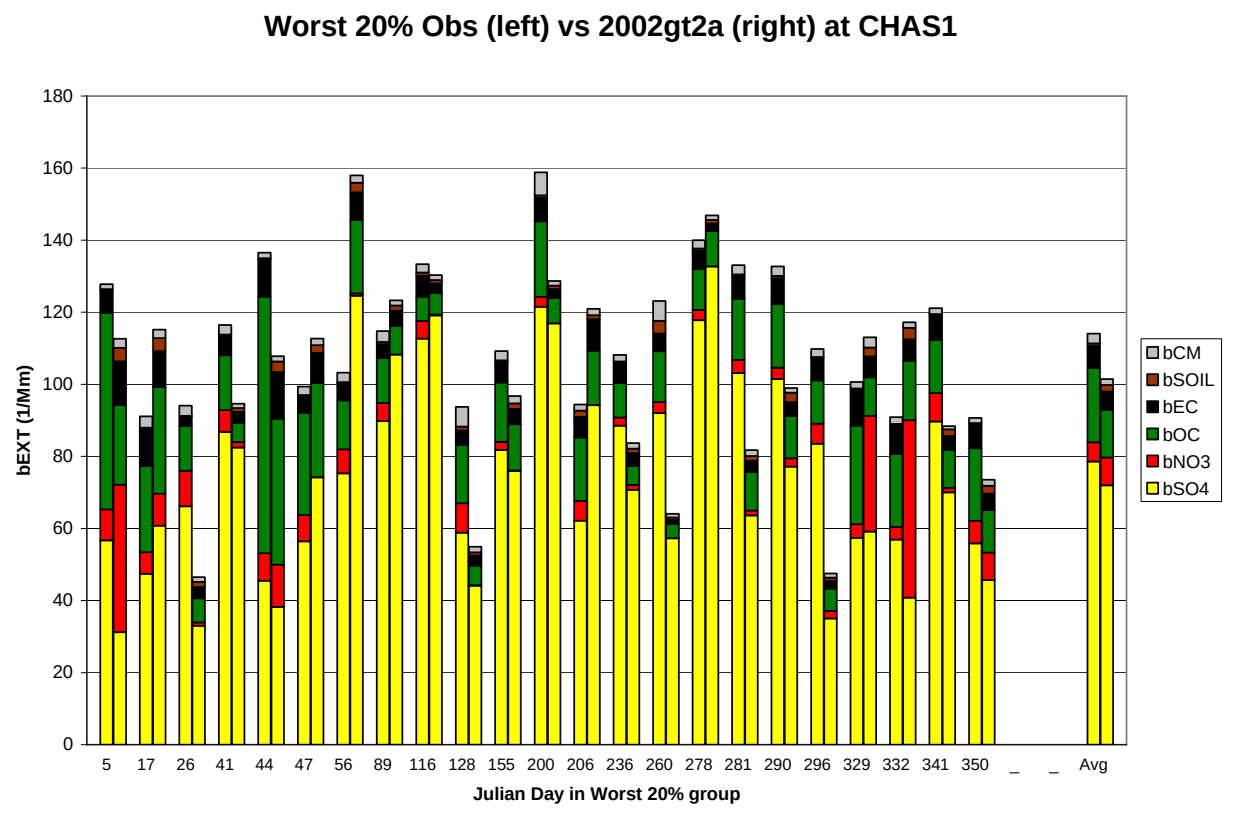

Figure E-2d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Chassahowitzka Wildlife Refuge (CHAS), Florida and Worst 20% (W20%) days in 2002.

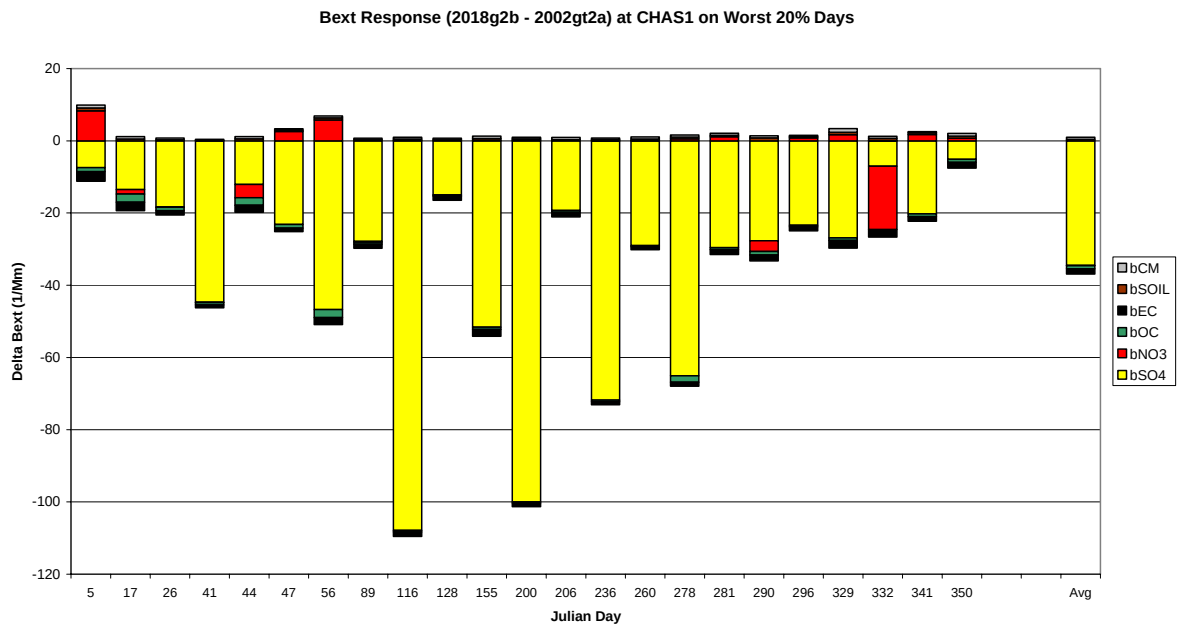

Figure E-2e. Differences in modeled 2002 and 2018 Base G2 CMAQ 12 km results (2018-2002) daily extinction for Chassahowitzka Wildlife Refuge (CHAS), Florida and Worst 20% (W20%) days in 2002.

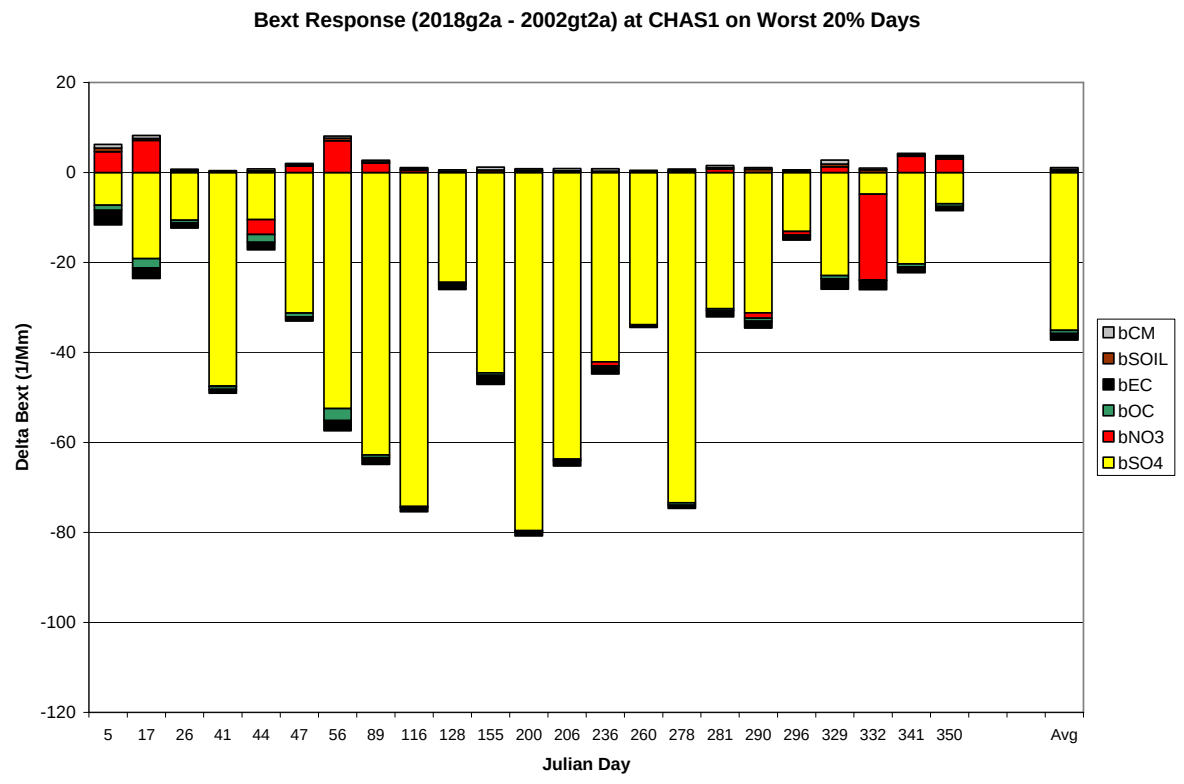

Figure E-2f. Differences in modeled 2002 and 2018 Base G2 CMAQ 36 km results (2018-2002) daily extinction for Chassahowitzka Wildlife Refuge (CHAS), Florida and Worst 20% (W20%) days in 2002.

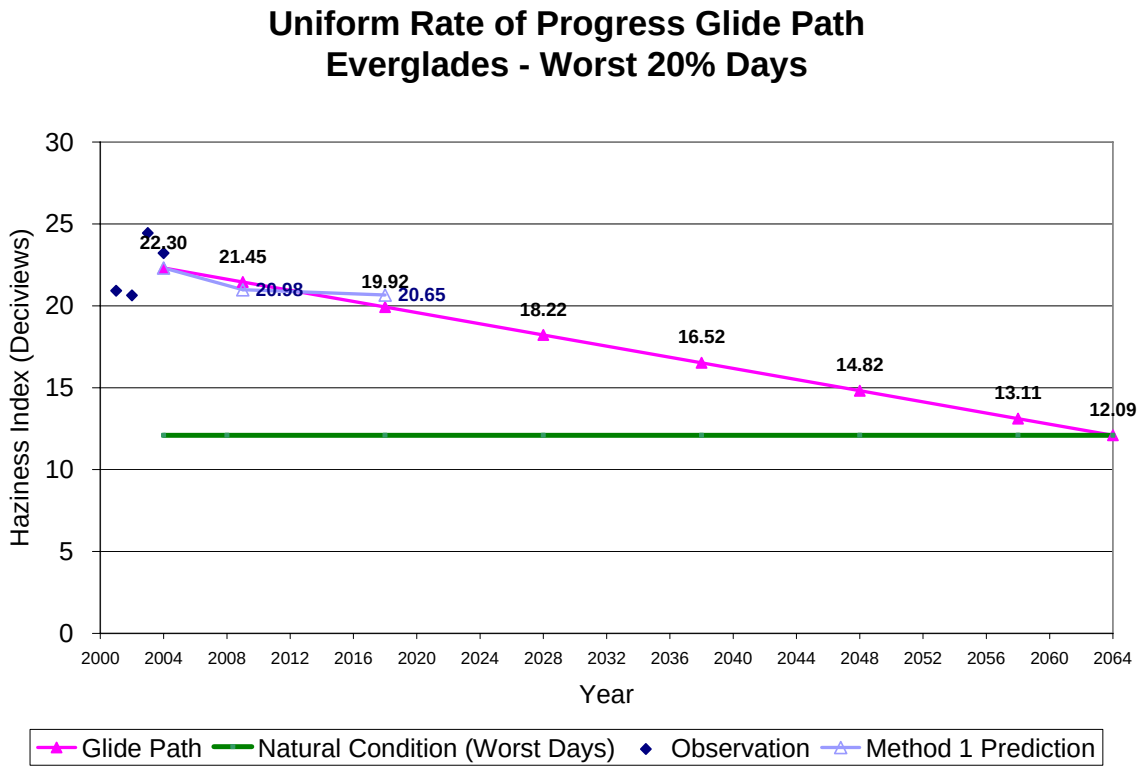

Figure E-3a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Everglades (EVER), Florida and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

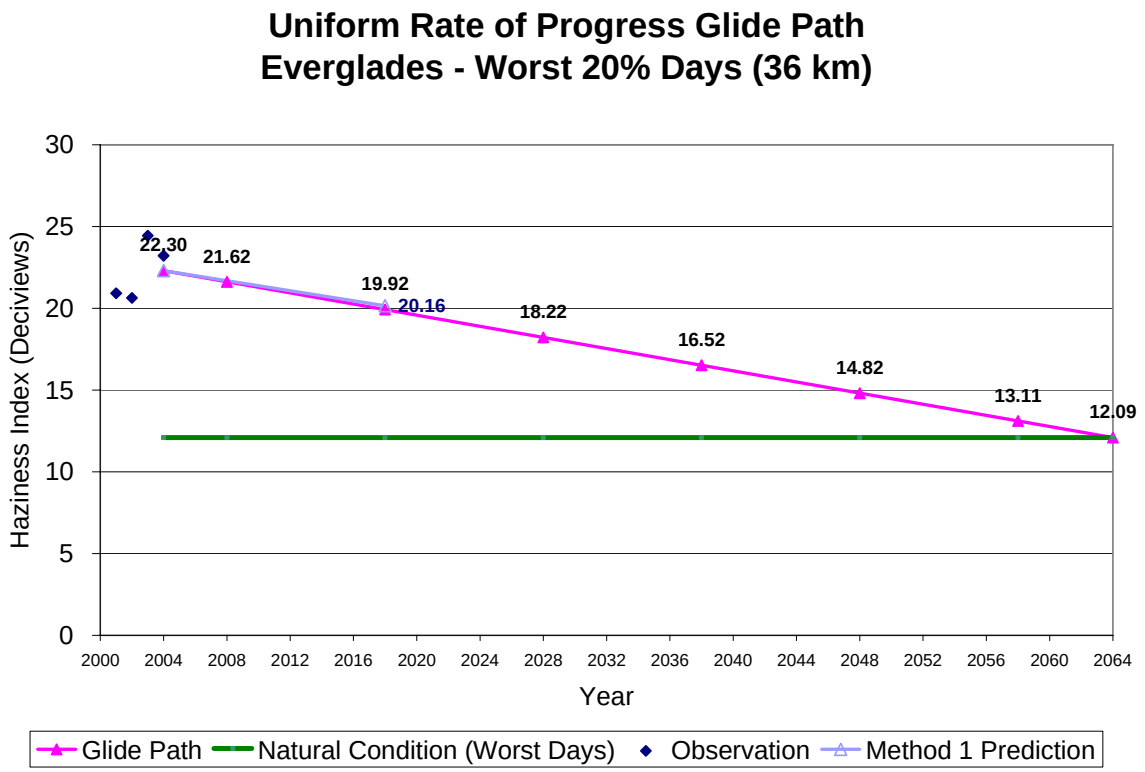

Figure E-3b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Everglades (EVER), Florida and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

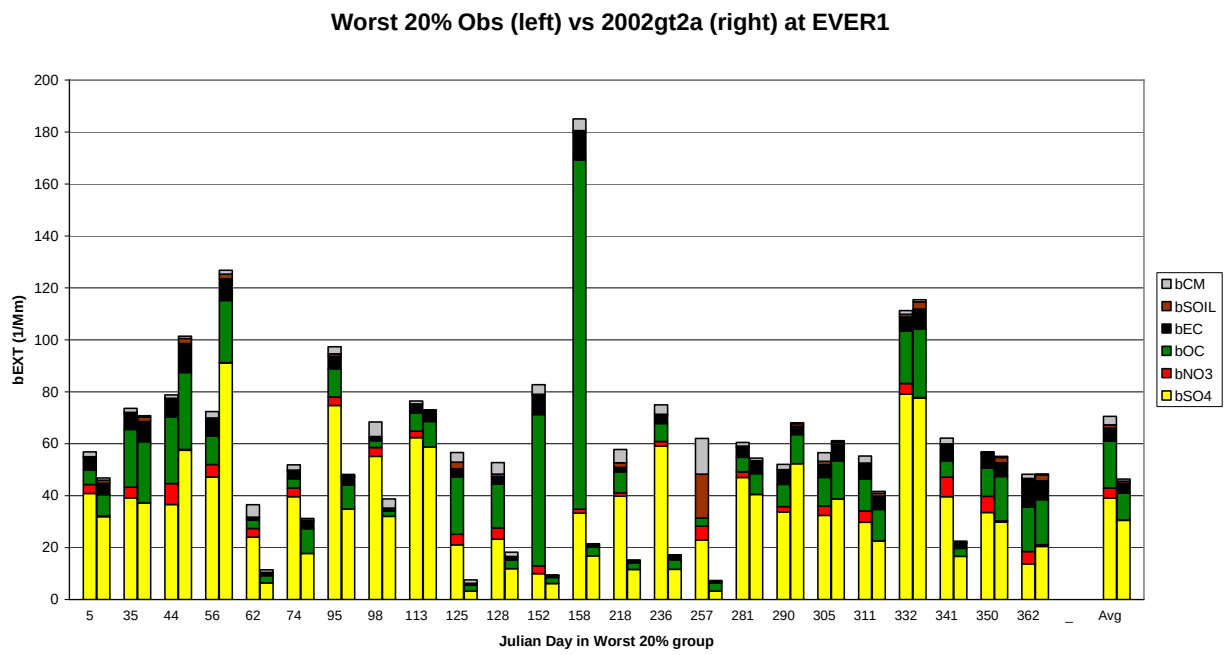

Figure E-3c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Everglades (EVER), Florida and Worst 20% (W20%) days in 2002.

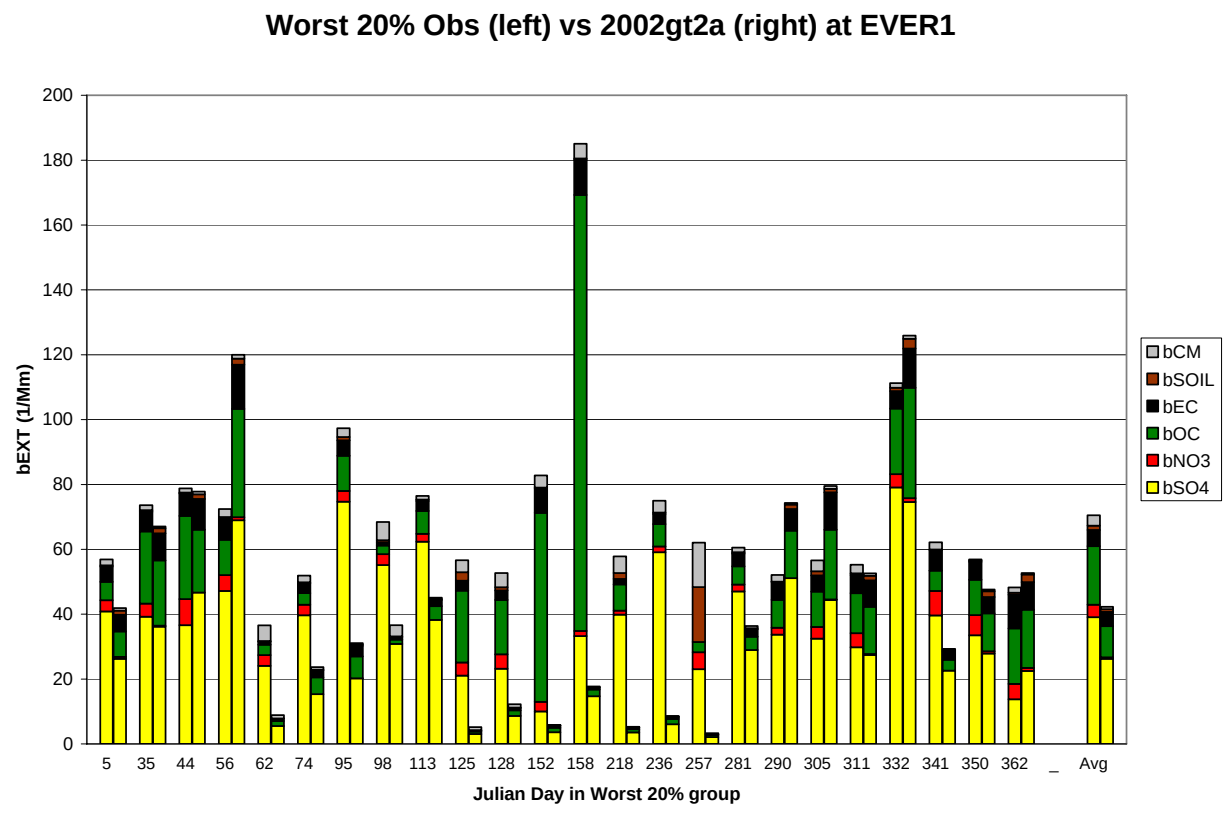

Figure E-3d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Everglades (EVER), Florida and Worst 20% (W20%) days in 2002.

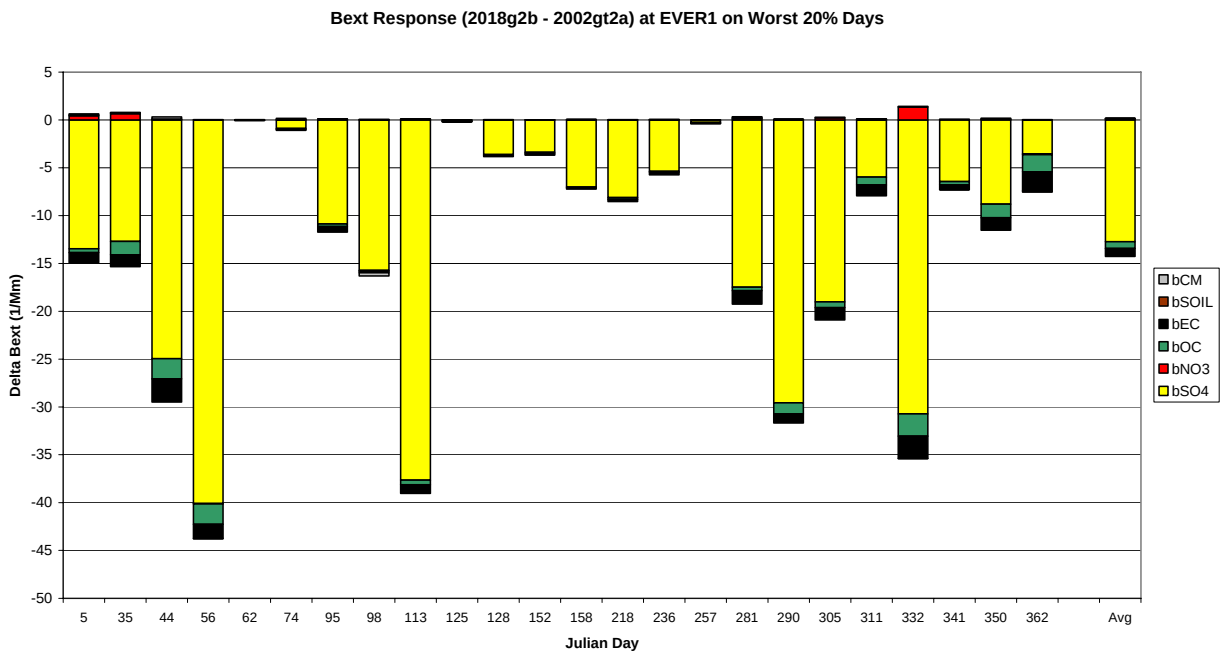

Figure E-3e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Everglades (EVER), Florida and Worst 20% (W20%) days in 2002.

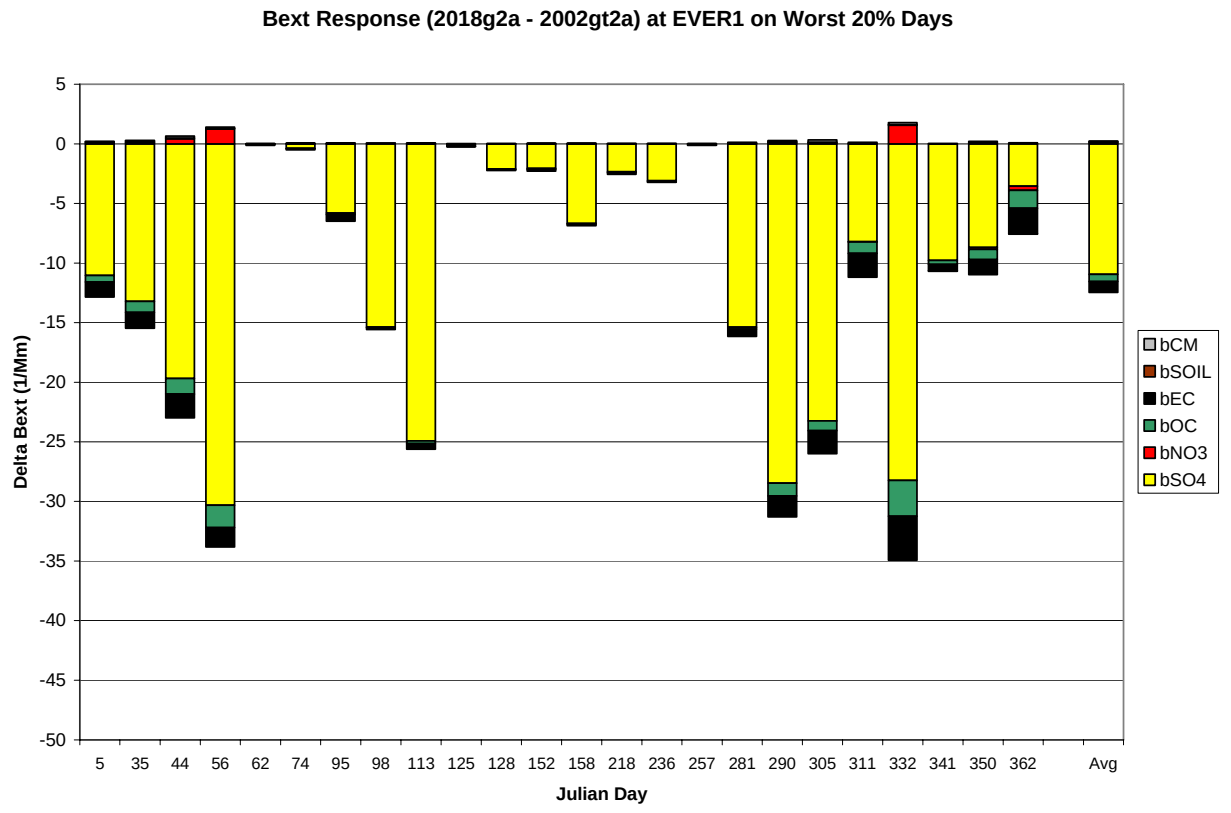

Figure E-3f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Everglades (EVER), Florida and Worst 20% (W20%) days in 2002.

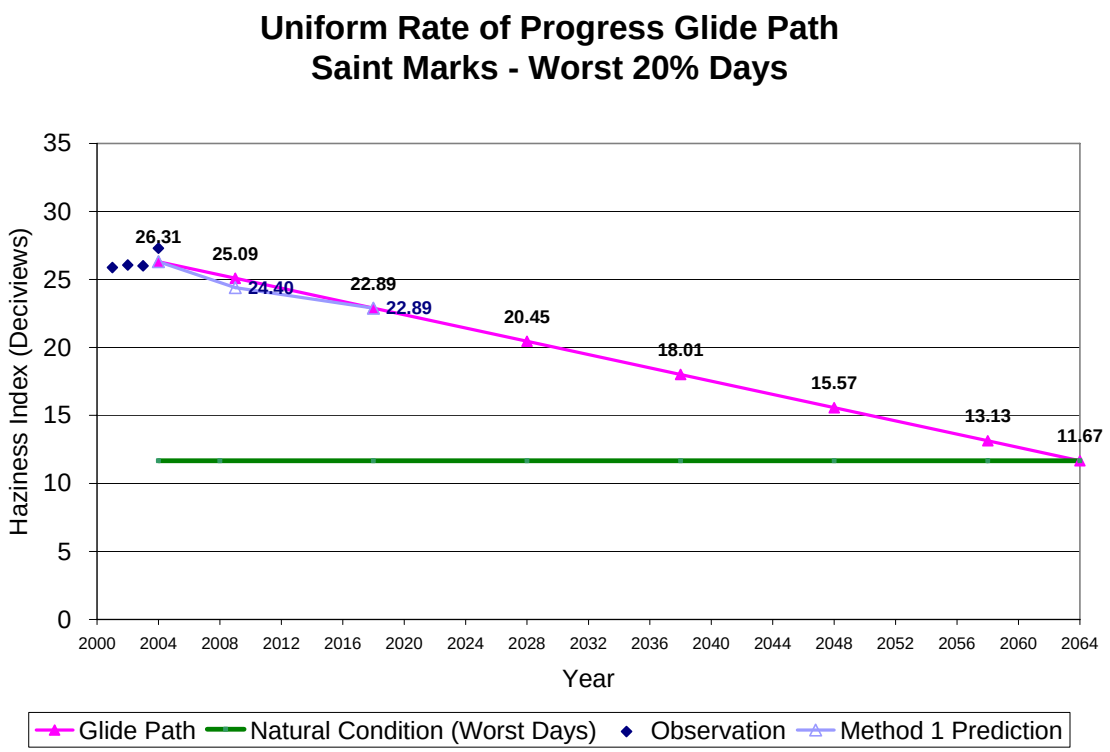

Figure E-4a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for St. Marks (SAMA), Florida and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

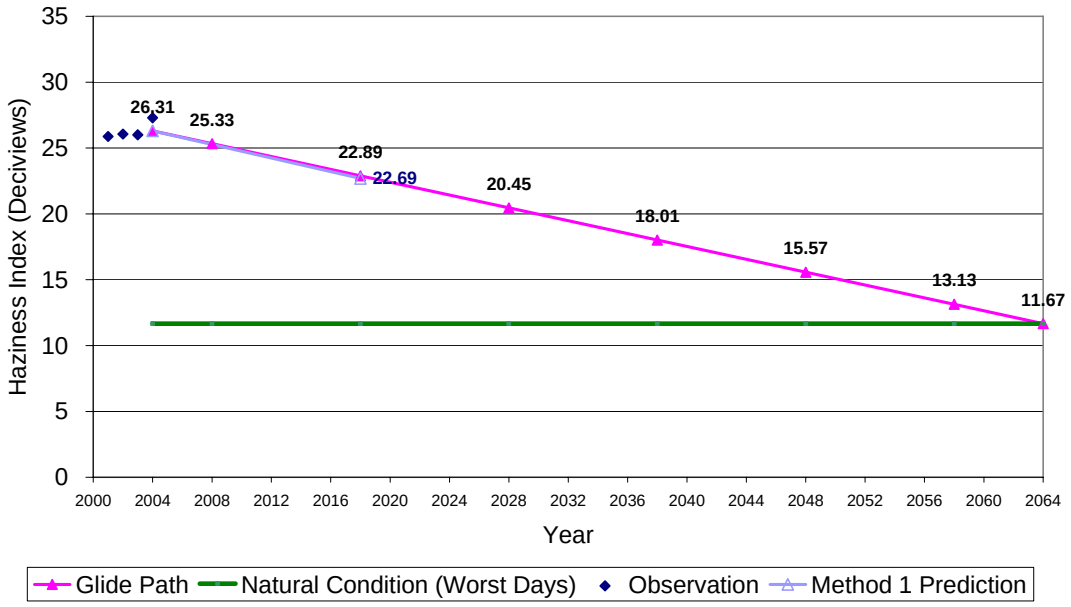

Figure E-4b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for St. Marks (SAMA), Florida and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

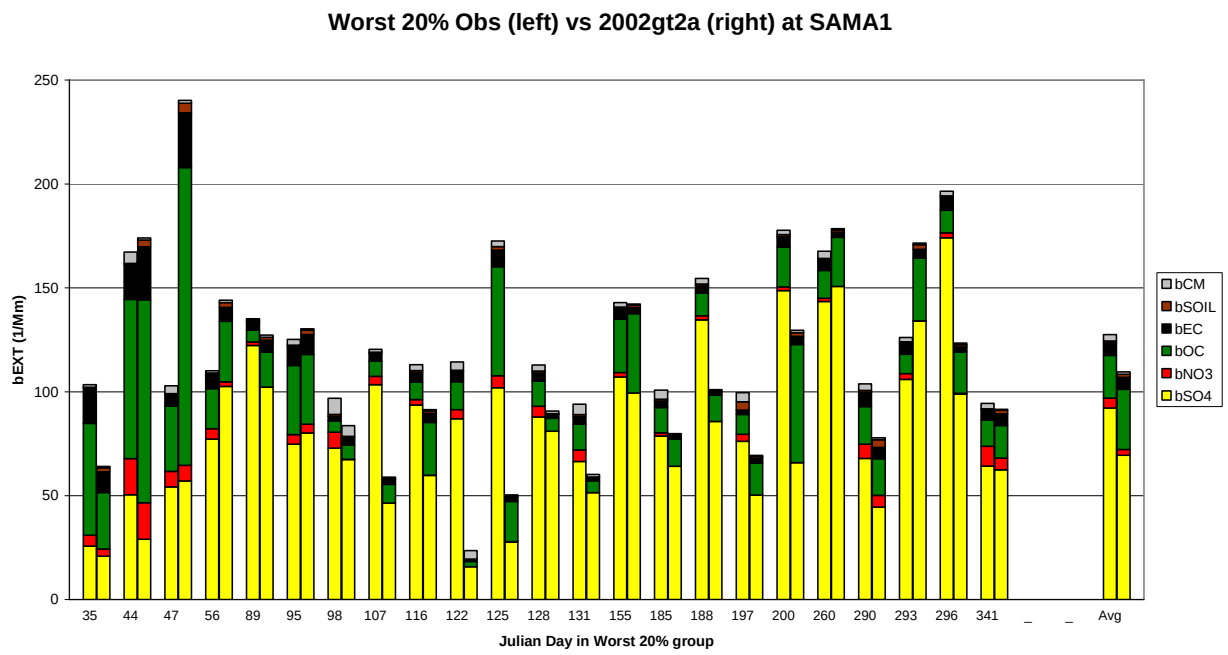

Figure E-4c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for St. Marks (SAMA), Florida and Worst 20% (W20%) days in 2002.

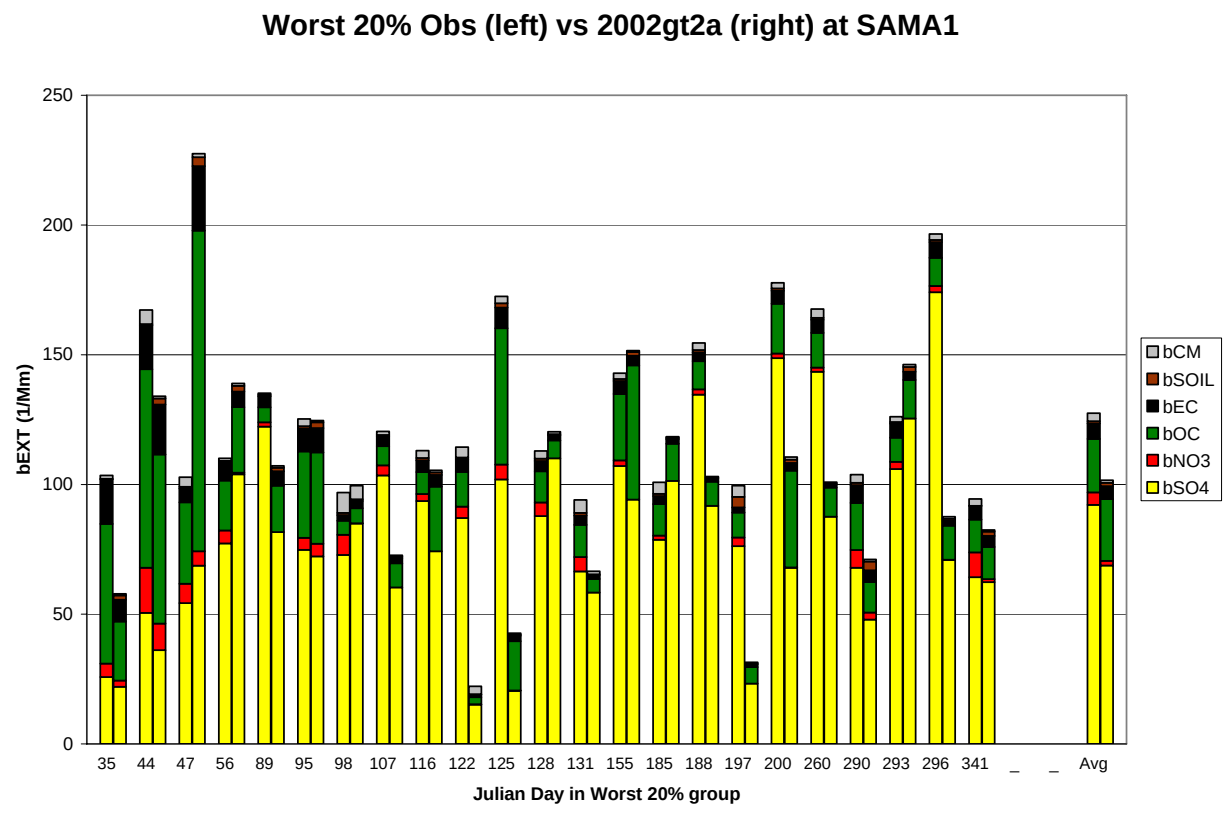

Figure E-4d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for St. Marks (SAMA), Florida and Worst 20% (W20%) days in 2002.

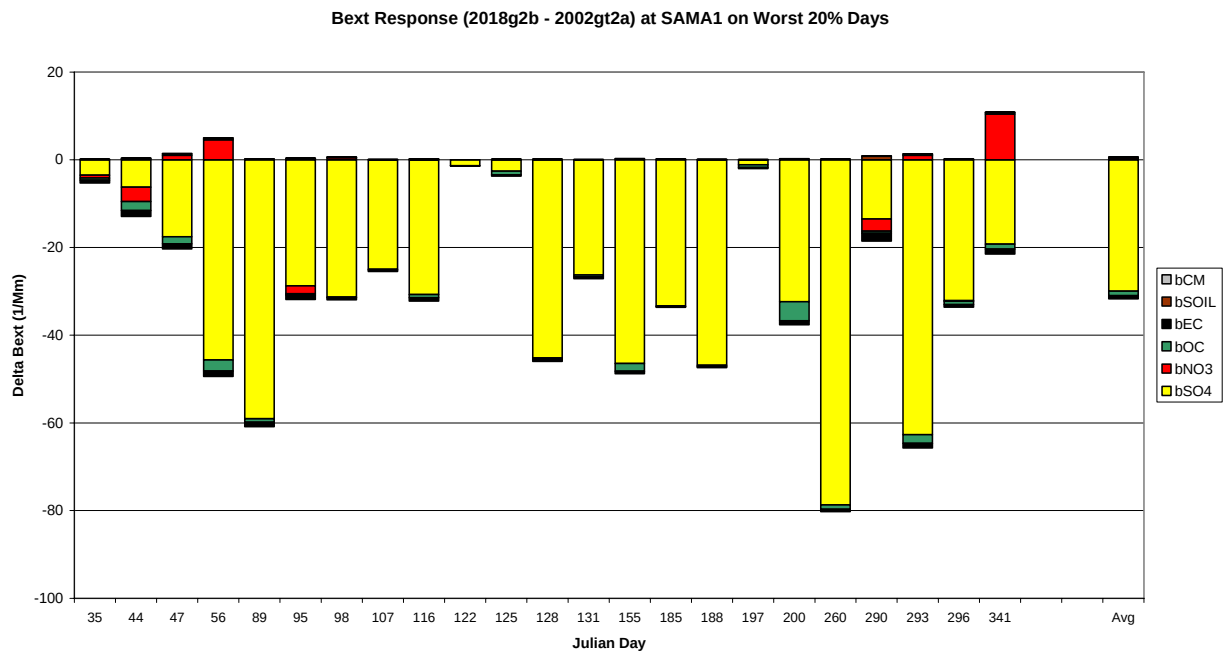

Figure E-4e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for St. Marks (SAMA), Florida and Worst 20% (W20%) days in 2002.

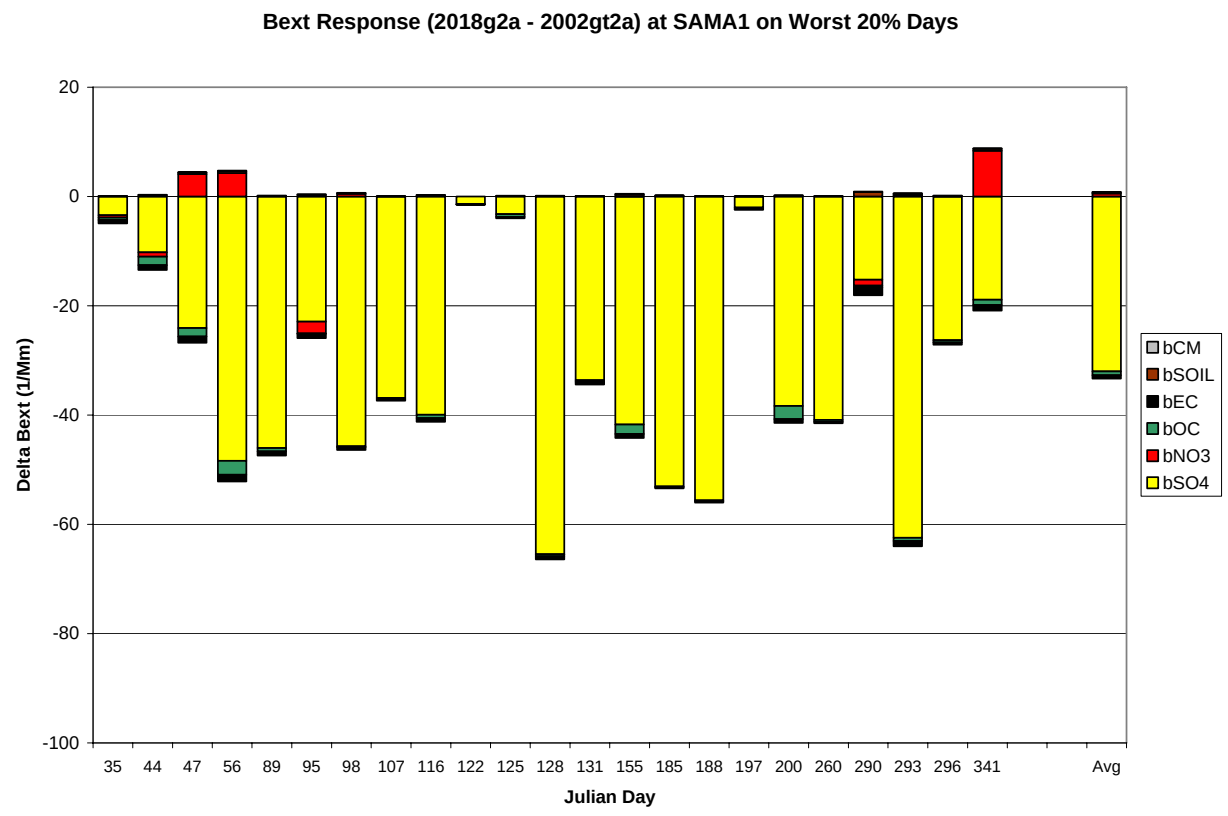

Figure E-4f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for St. Marks (SAMA), Florida and Worst 20% (W20%) days in 2002.

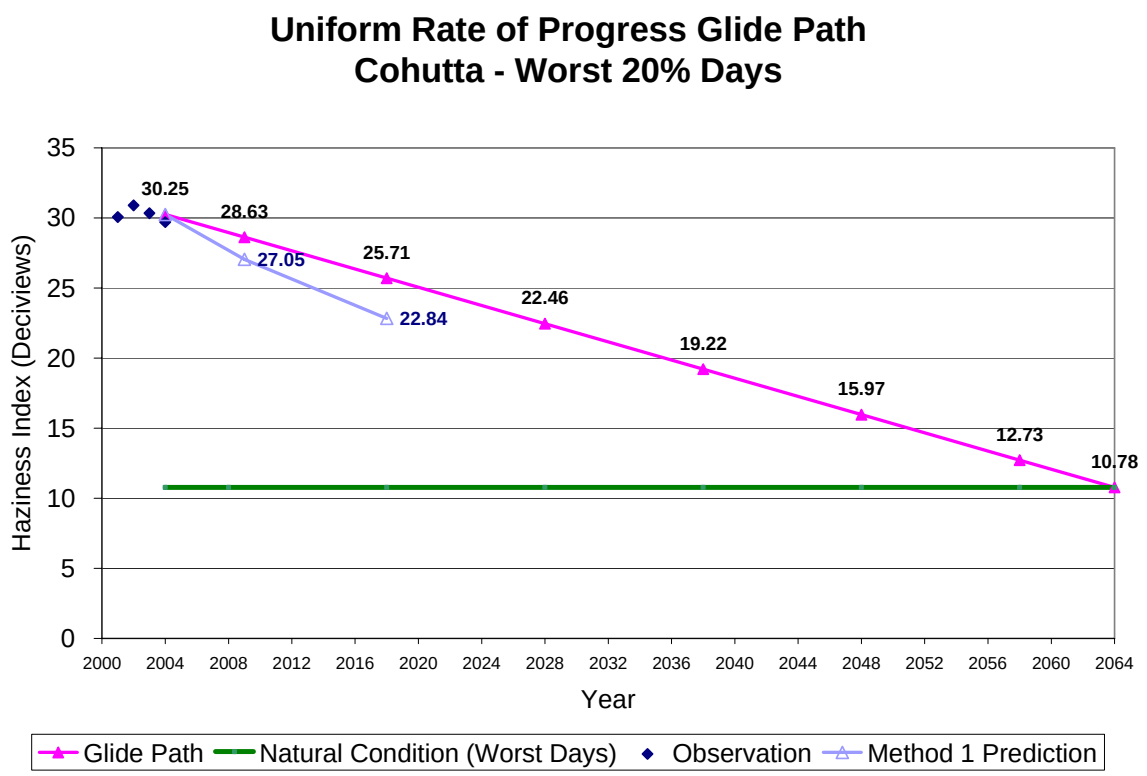

Figure E-5a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Cohutta (COHU), Georgia and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

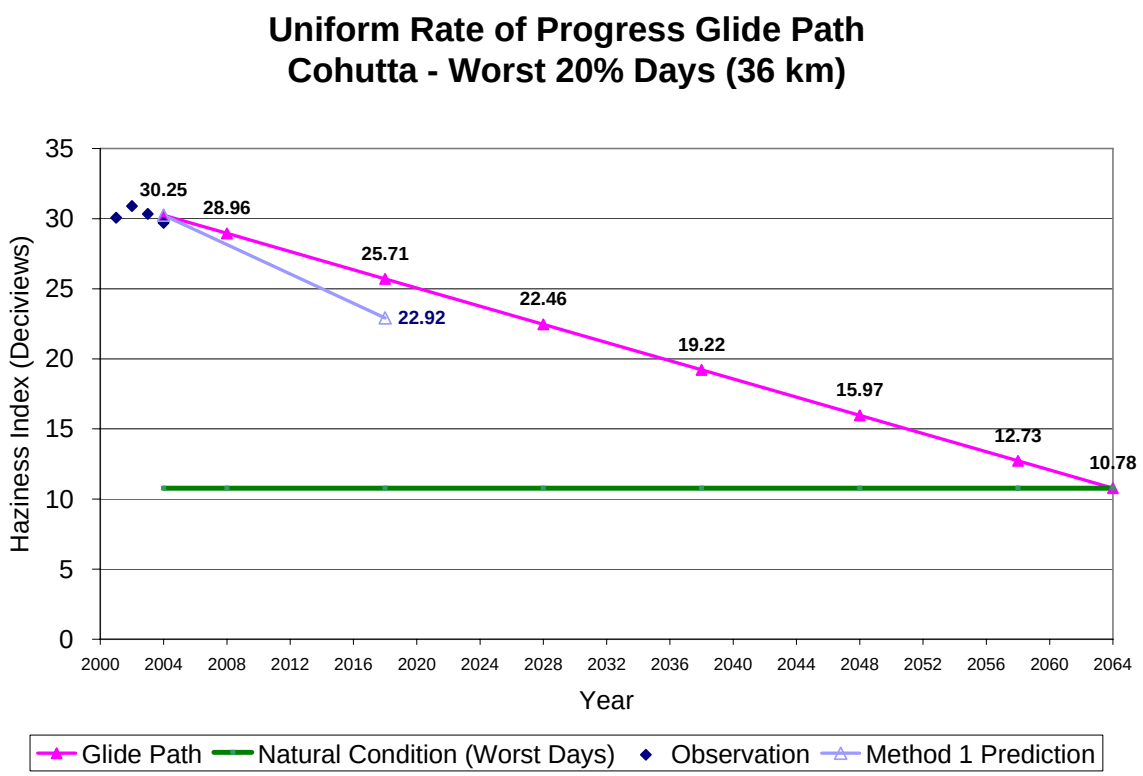

Figure E-5b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Cohutta (COHU), Georgia and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

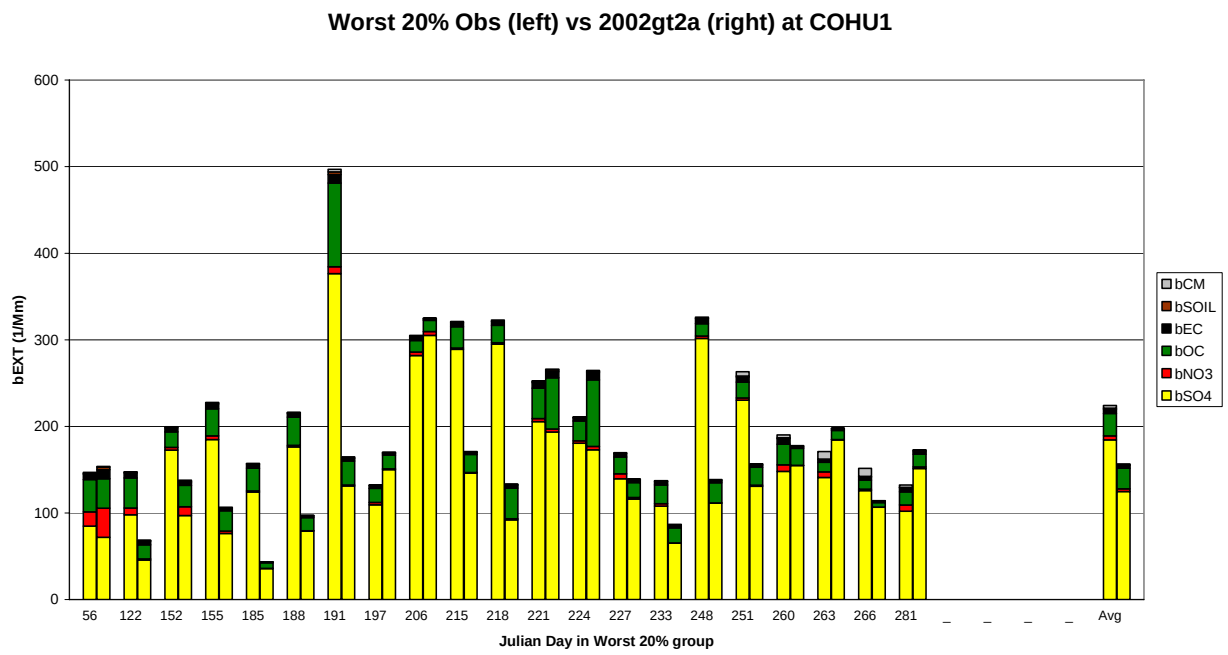

Figure E-5c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Cohutta (COHU), Georgia and Worst 20% (W20%) days in 2002.

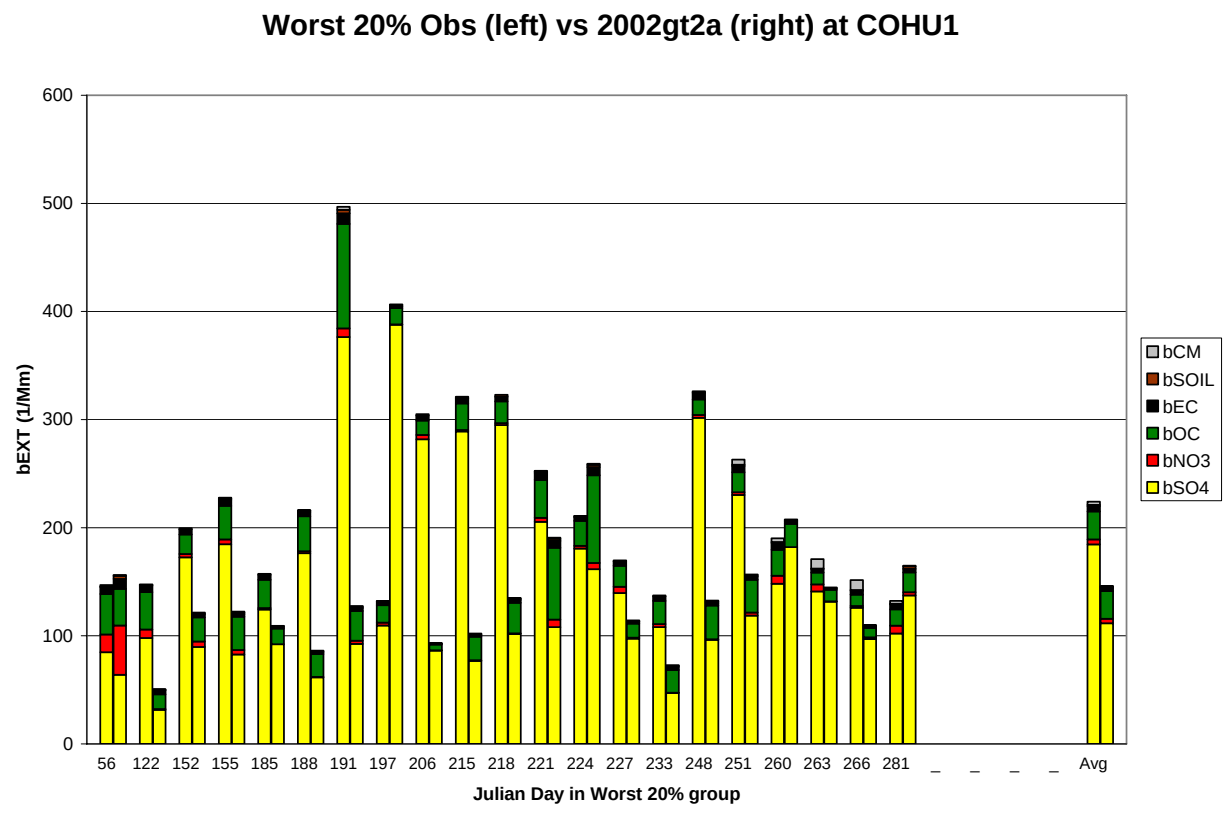

Figure E-5d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Cohutta (COHU), Georgia and Worst 20% (W20%) days in 2002.

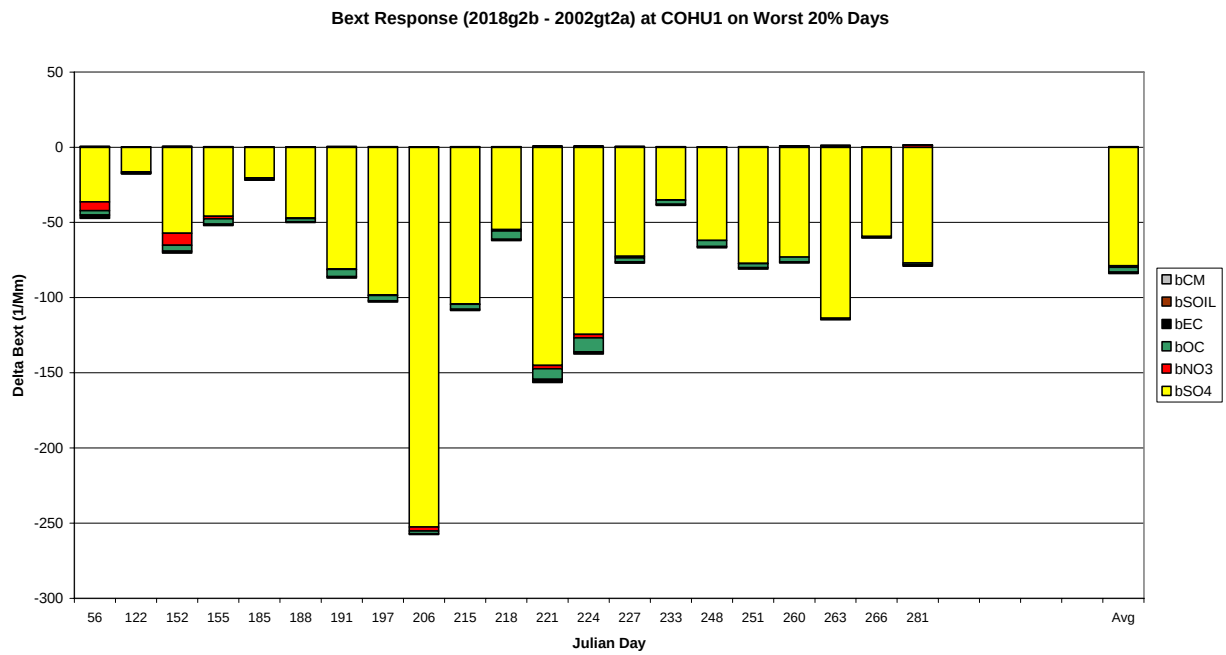

Figure E-5e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Cohutta (COHU), Georgia and Worst 20% (W20%) days in 2002.

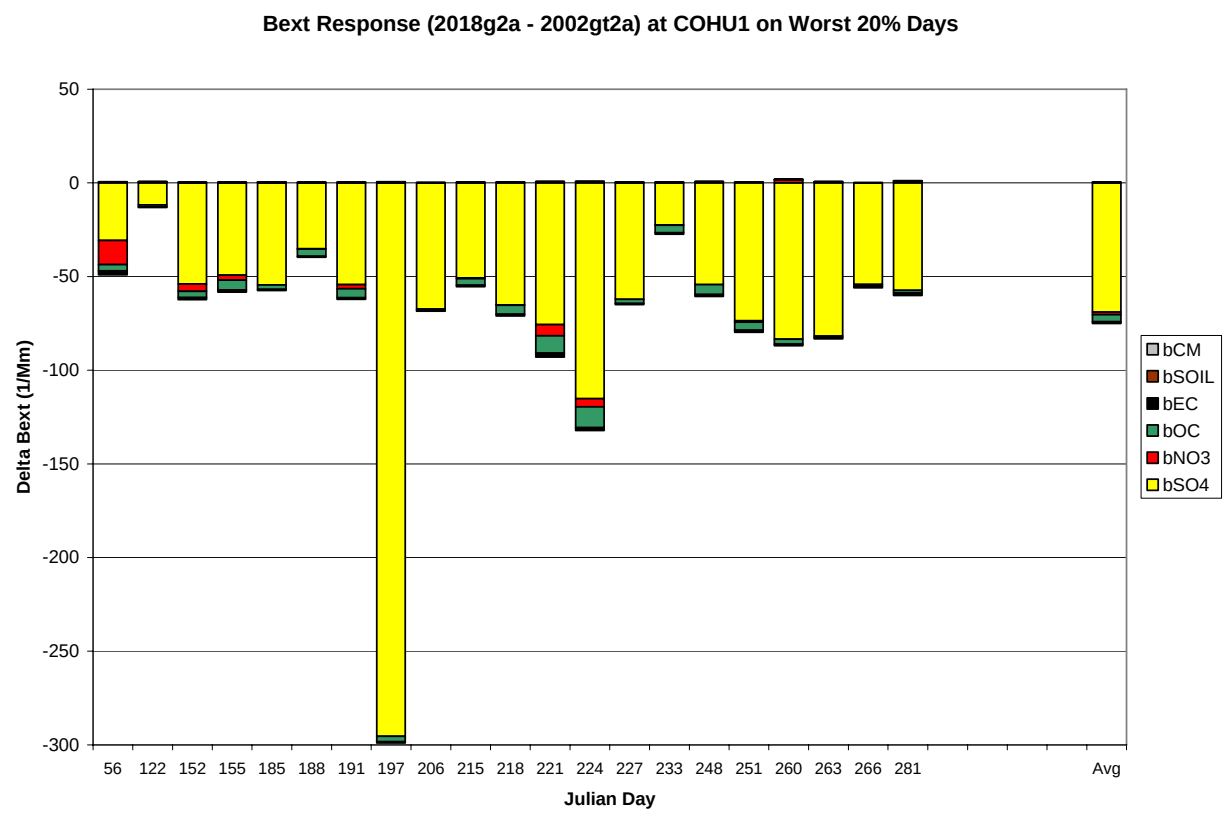

Figure E-5f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Cohutta (COHU), Georgia and Worst 20% (W20%) days in 2002.

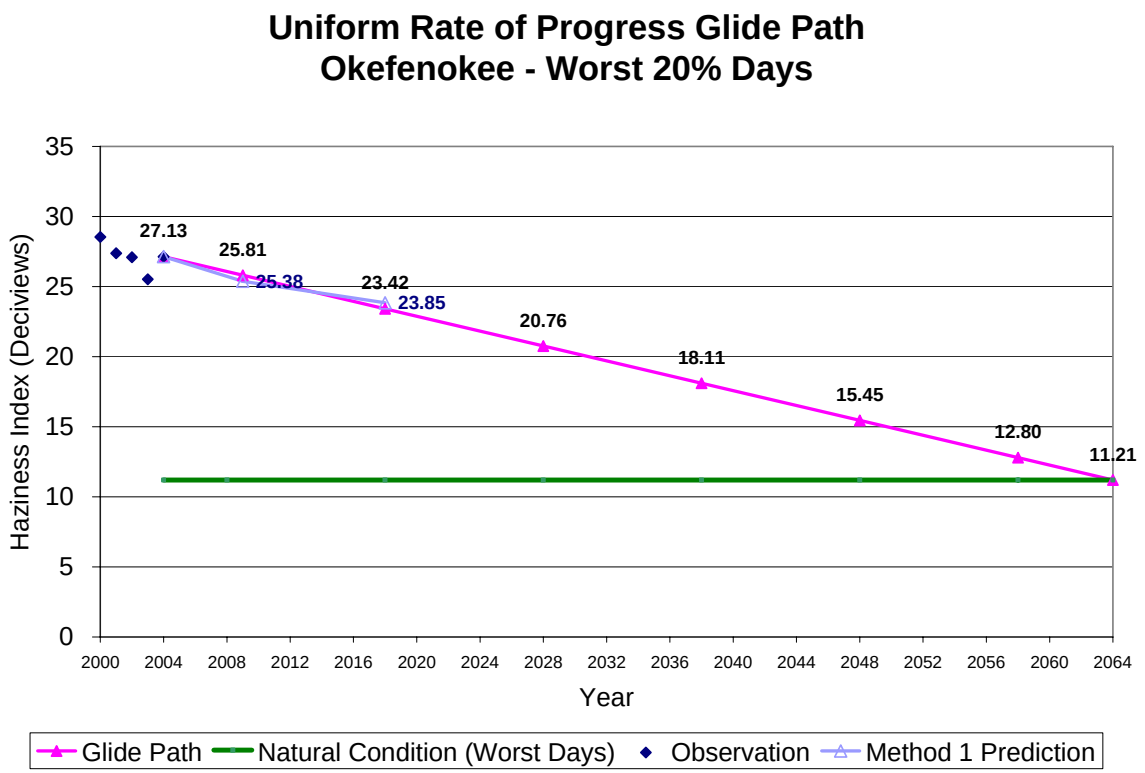

Figure E-6a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Okefenokee (OKEF), Georgia and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

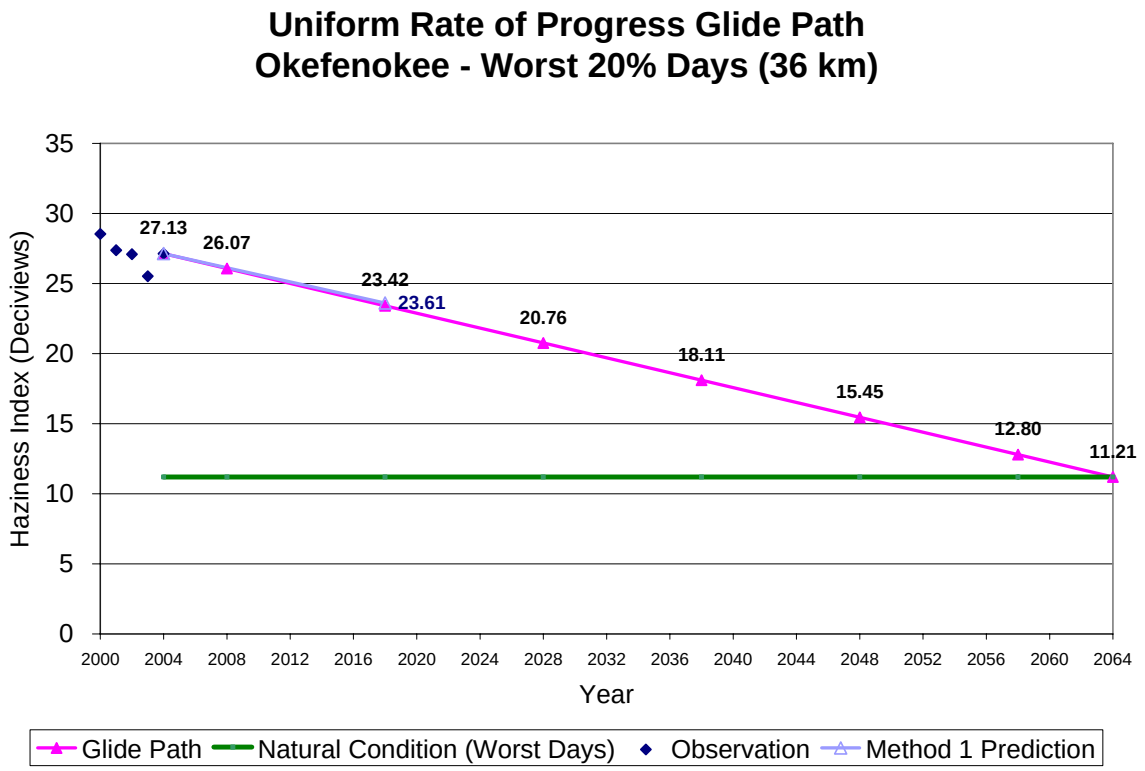

Figure E-6a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Okefenokee (OKEF), Georgia and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

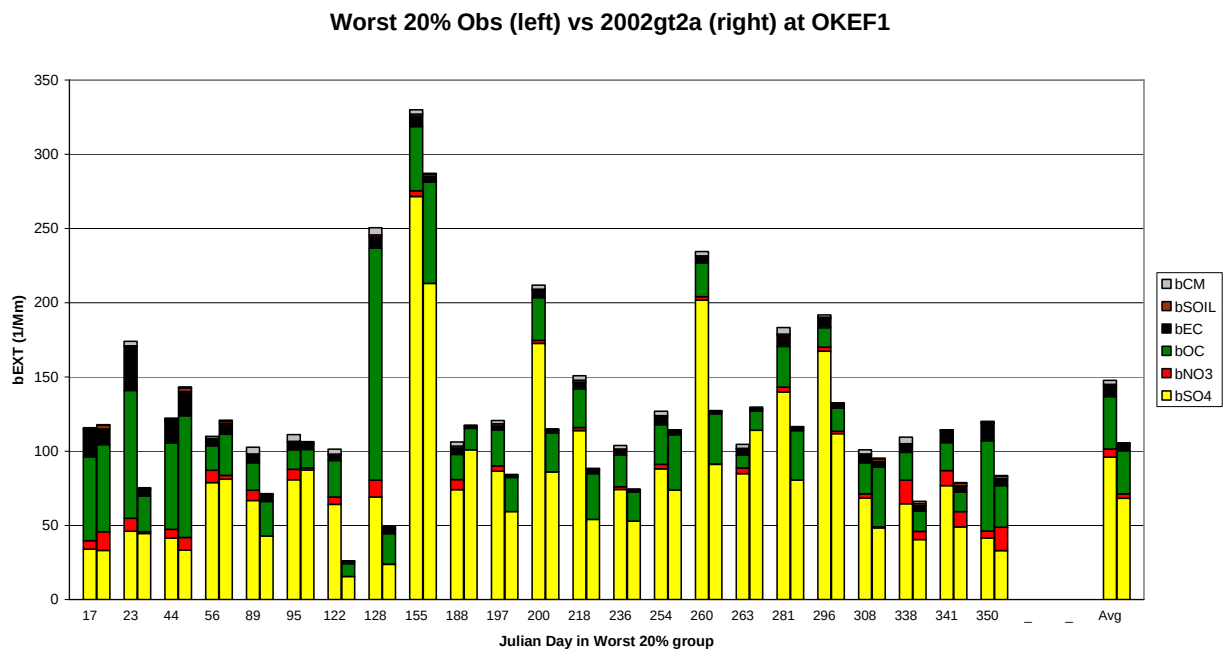

Figure E-6c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Okefenokee (OKEF), Georgia and Worst 20% (W20%) days in 2002.

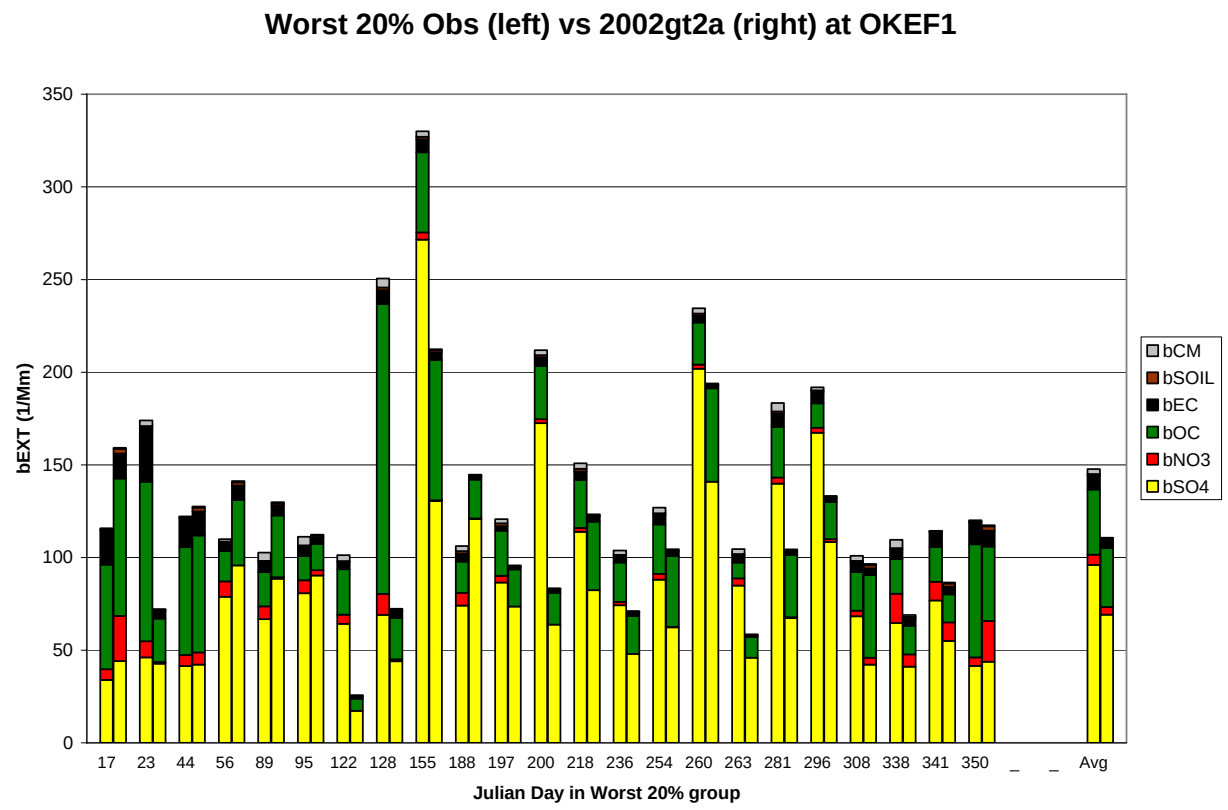

Figure E-6d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Okefenokee (OKEF), Georgia and Worst 20% (W20%) days in 2002.

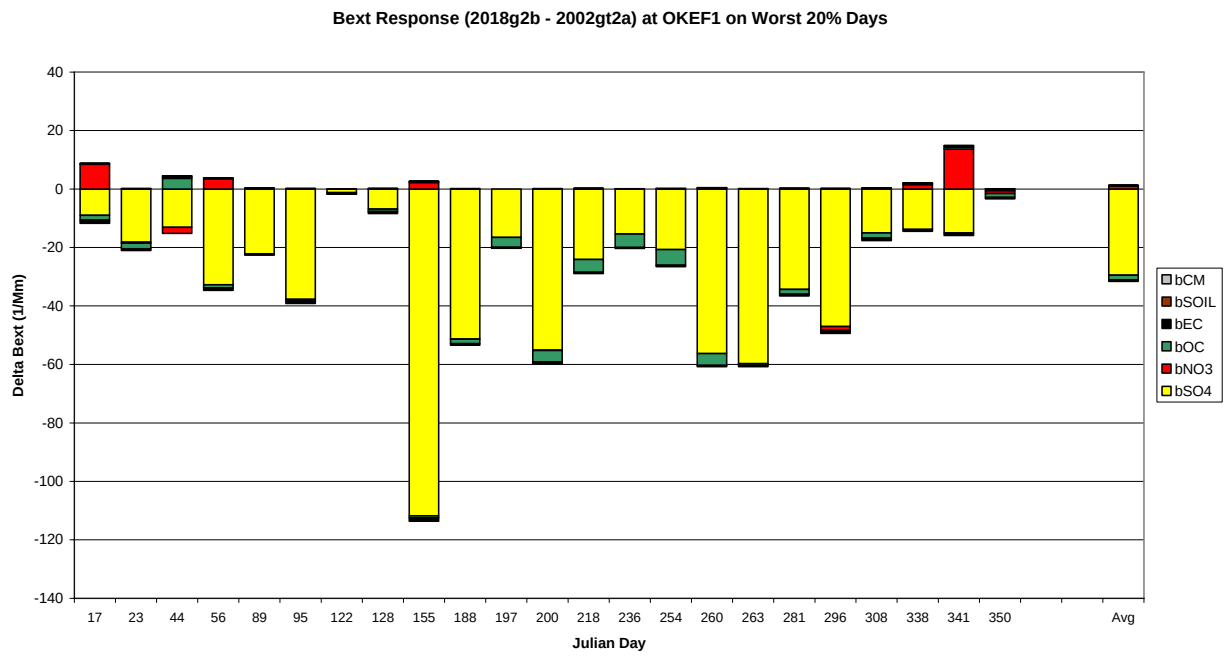

Figure E-6e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Okefenokee (OKEF), Georgia and Worst 20% (W20%) days in 2002.

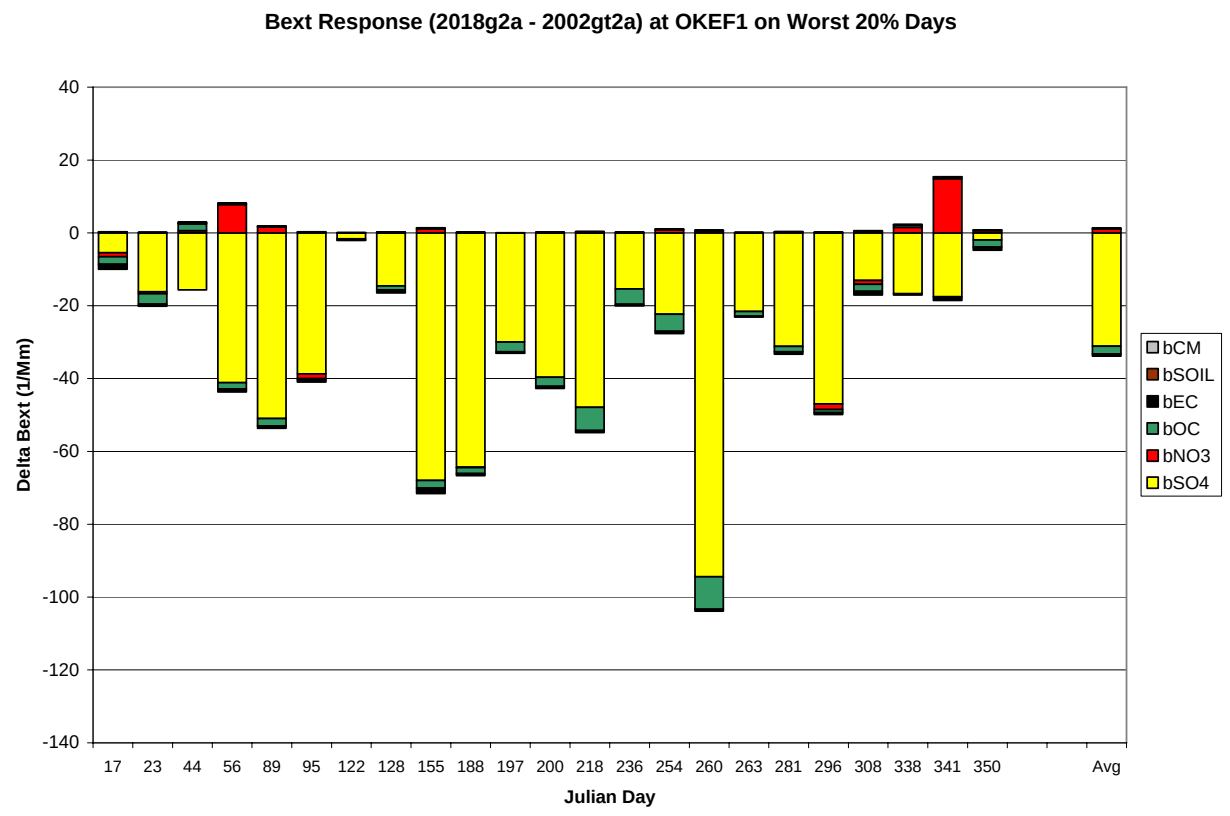

Figure E-6f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Okefenokee (OKEF), Georgia and Worst 20% (W20%) days in 2002.

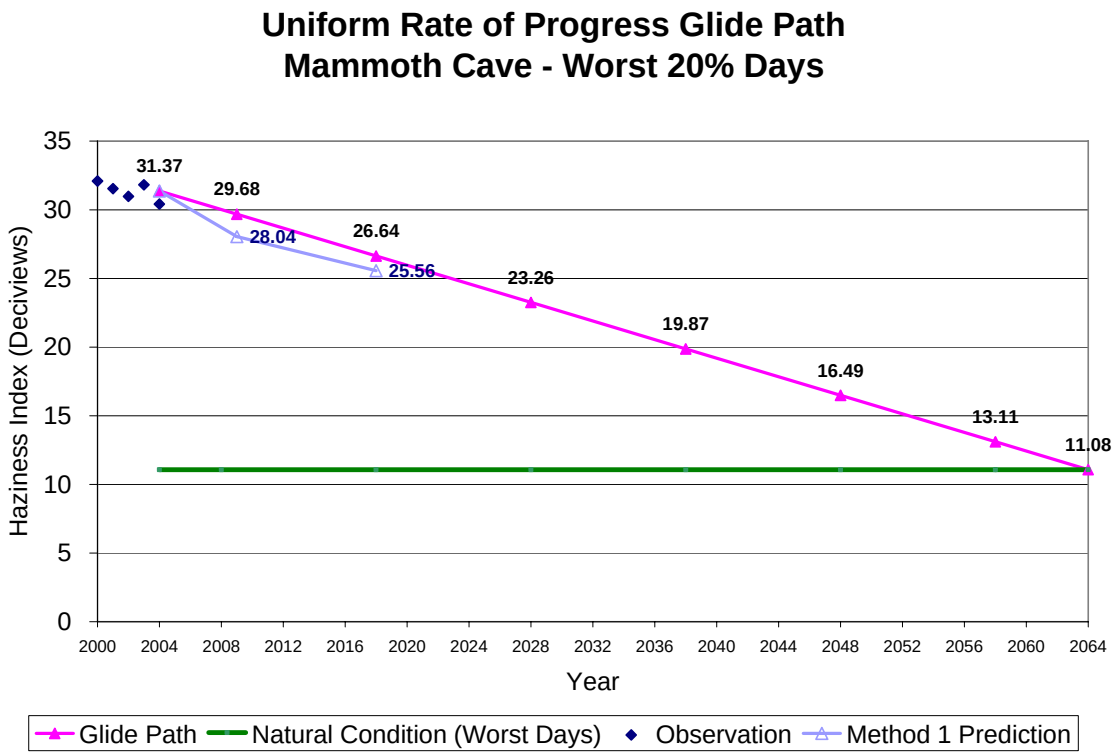

Figure E-7a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Mammoth Cave (MACA), Kentucky and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

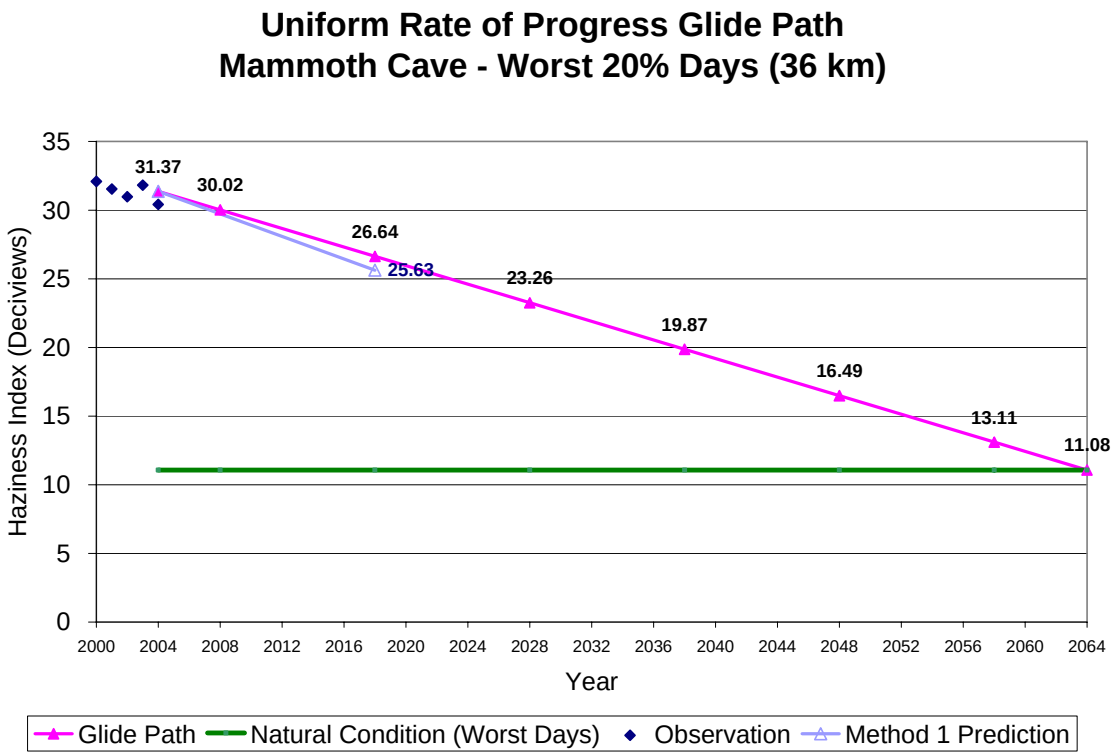

Figure E-7b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Mammoth Cave (MACA), Kentucky and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

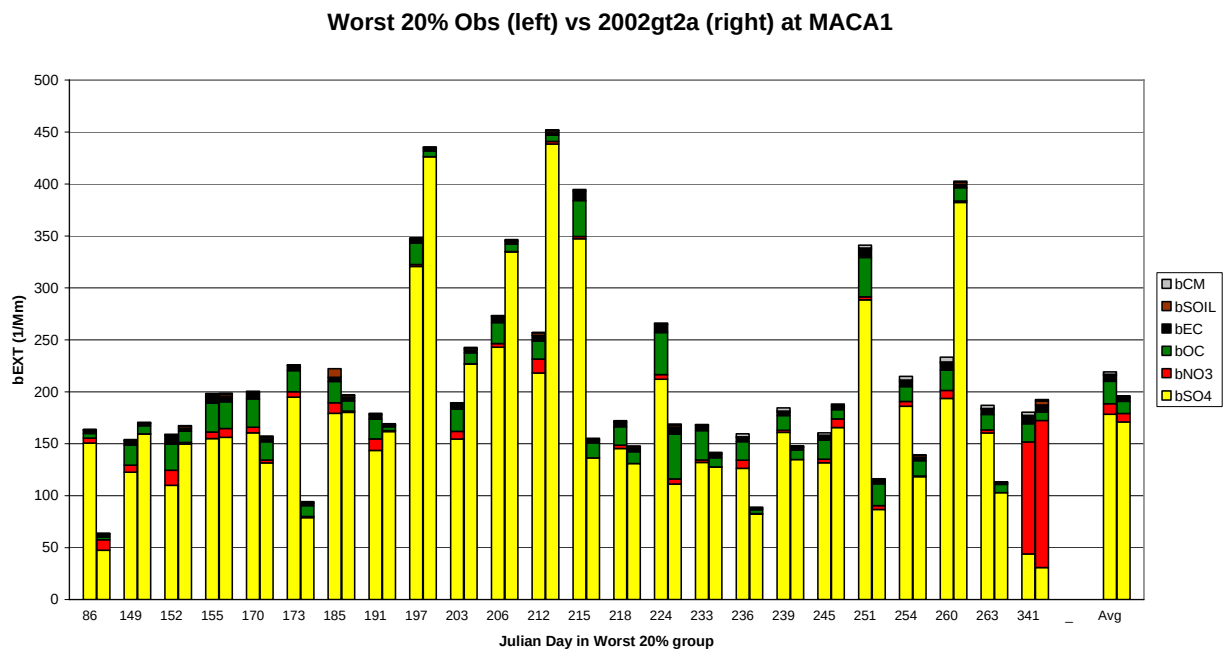

Figure E-7c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Mammoth Cave (MACA), Kentucky and Worst 20% (W20%) days in 2002.

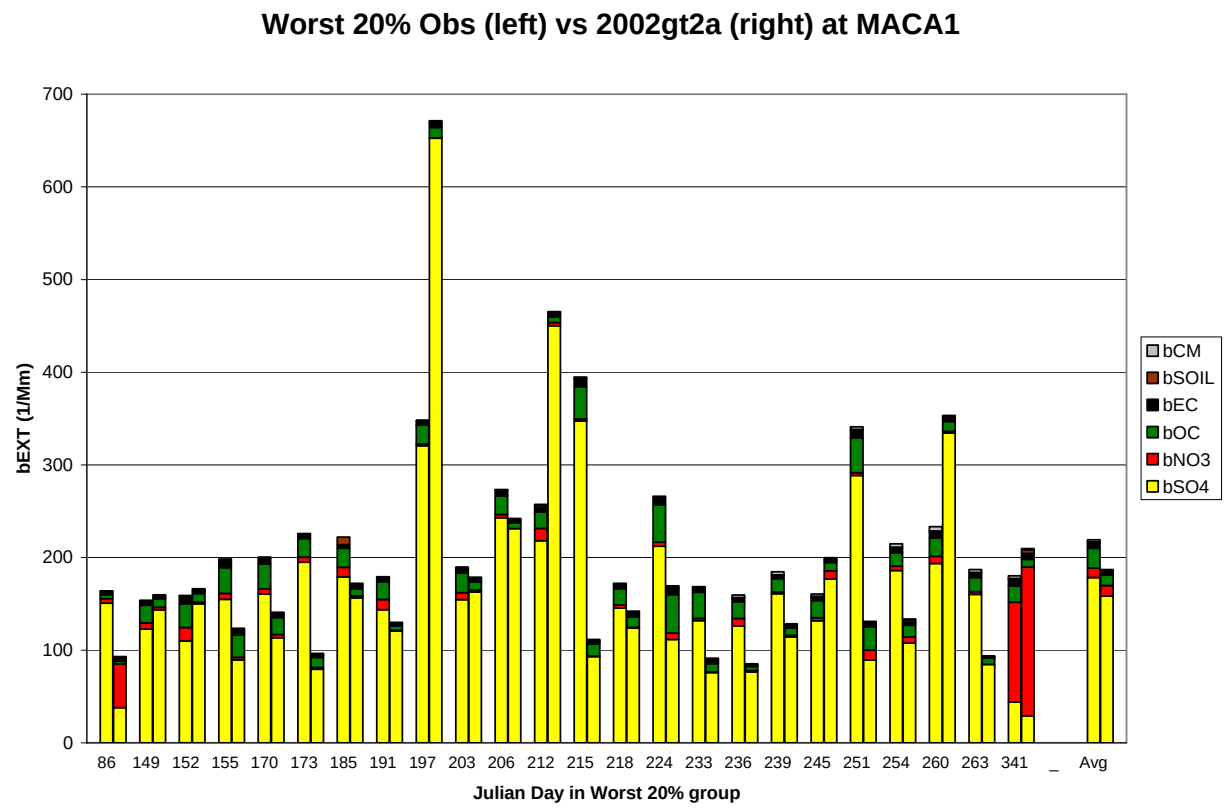

Figure E-7d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Mammoth Cave (MACA), Kentucky and Worst 20% (W20%) days in 2002.

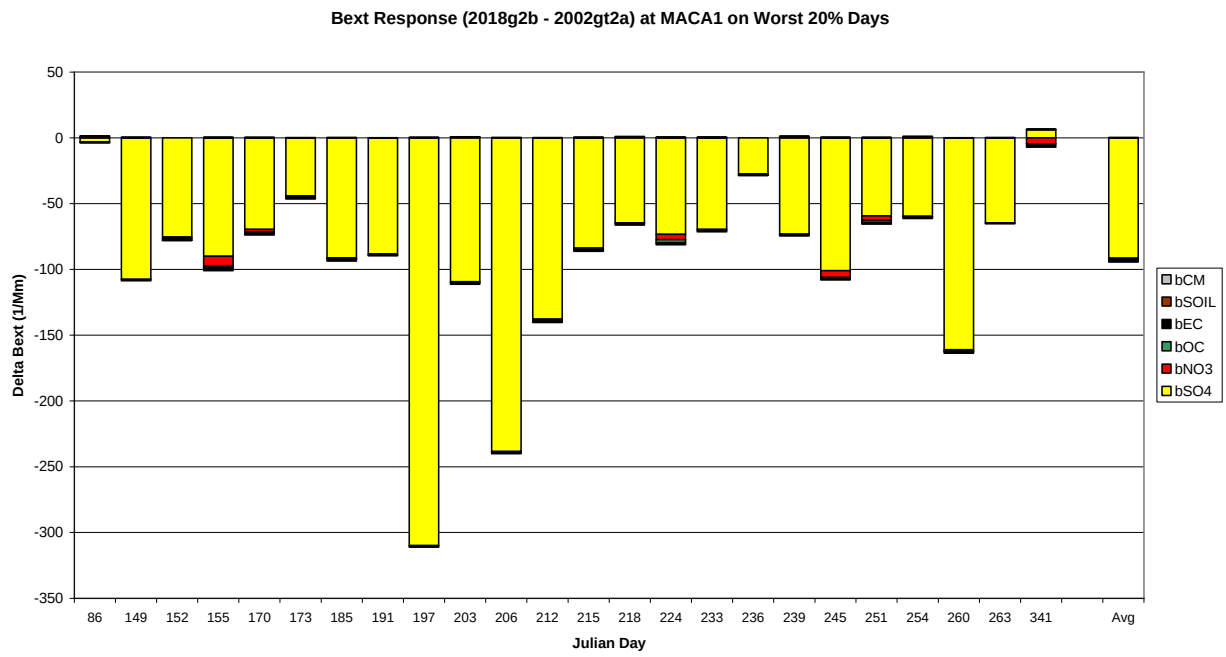

Figure E-7d. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Mammoth Cave (MACA), Kentucky and Worst 20% (W20%) days in 2002.

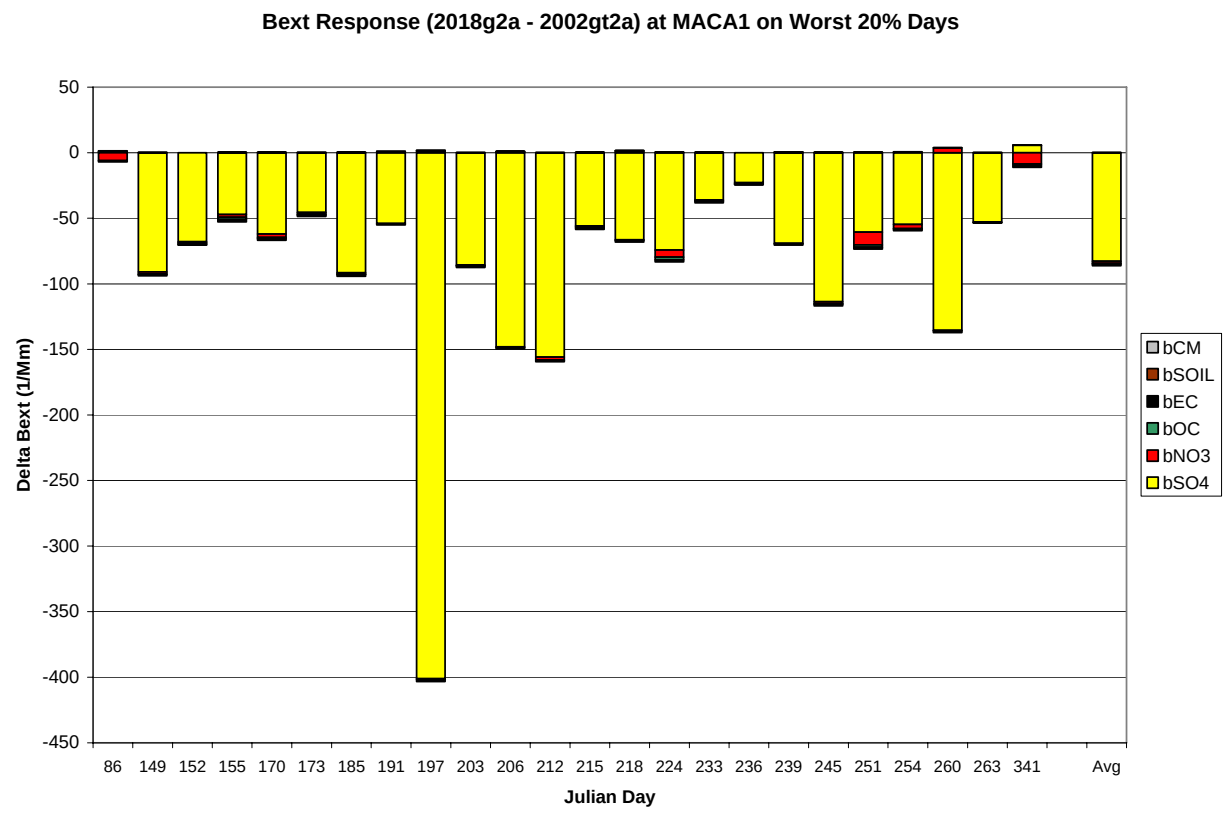

Figure E-7e. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Mammoth Cave (MACA), Kentucky and Worst 20% (W20%) days in 2002.

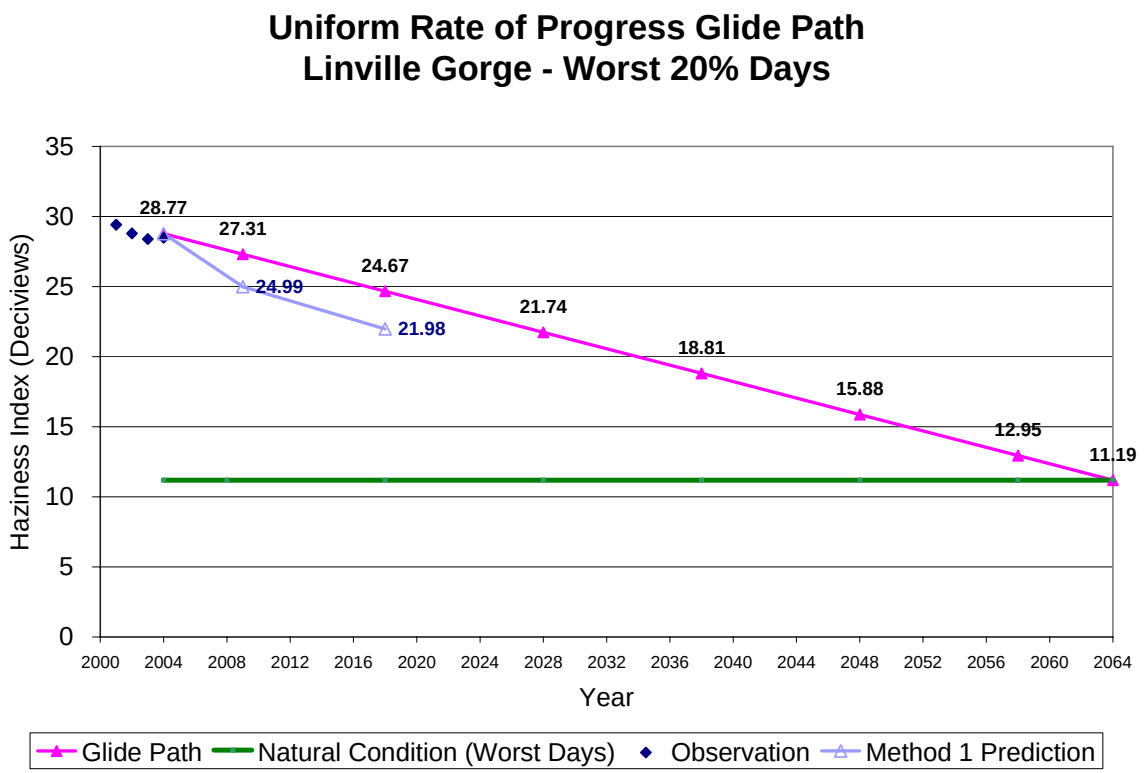

Figure E-8a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Linville Gorge (LIGO), North Carolina and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

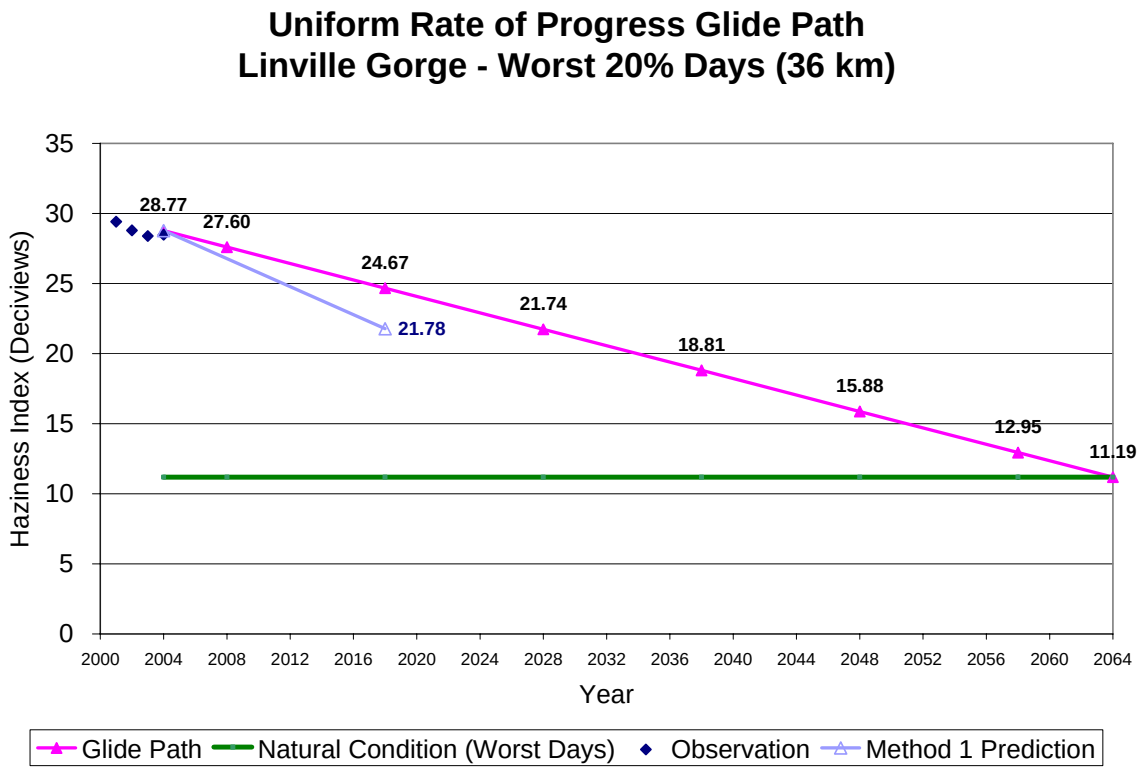

Figure E-8b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Linville Gorge (LIGO), North Carolina and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results..

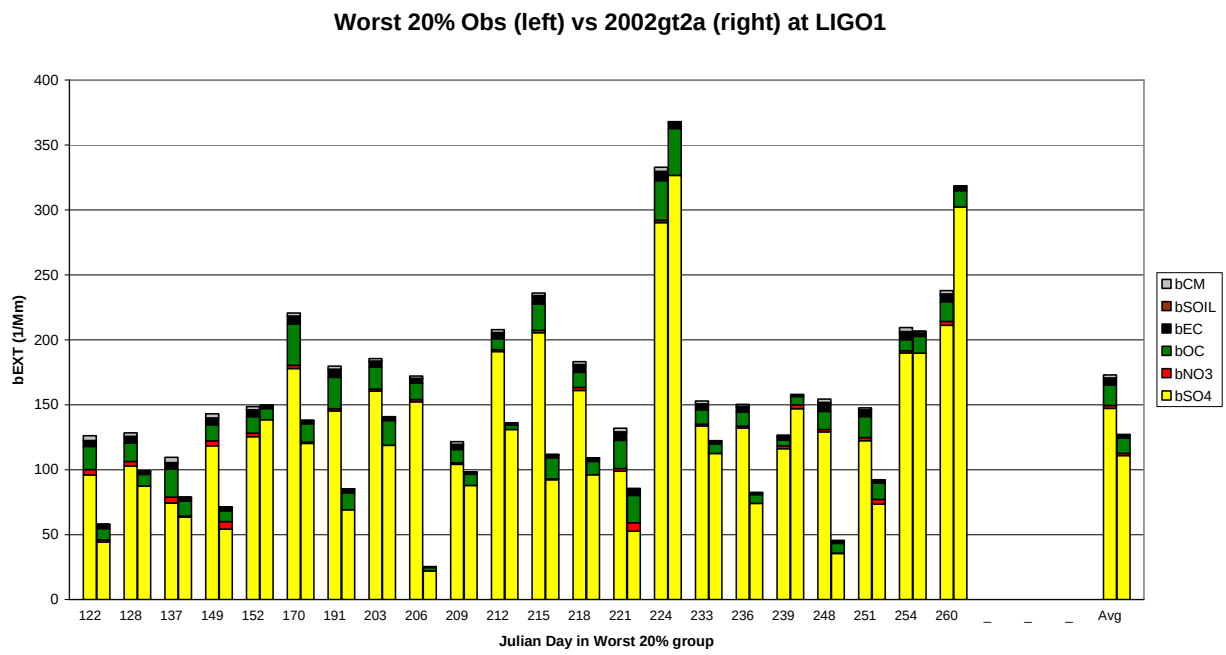

Figure E-8c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Linville Gorge (LIGO), North Carolina and Worst 20% (W20%) days in 2002.

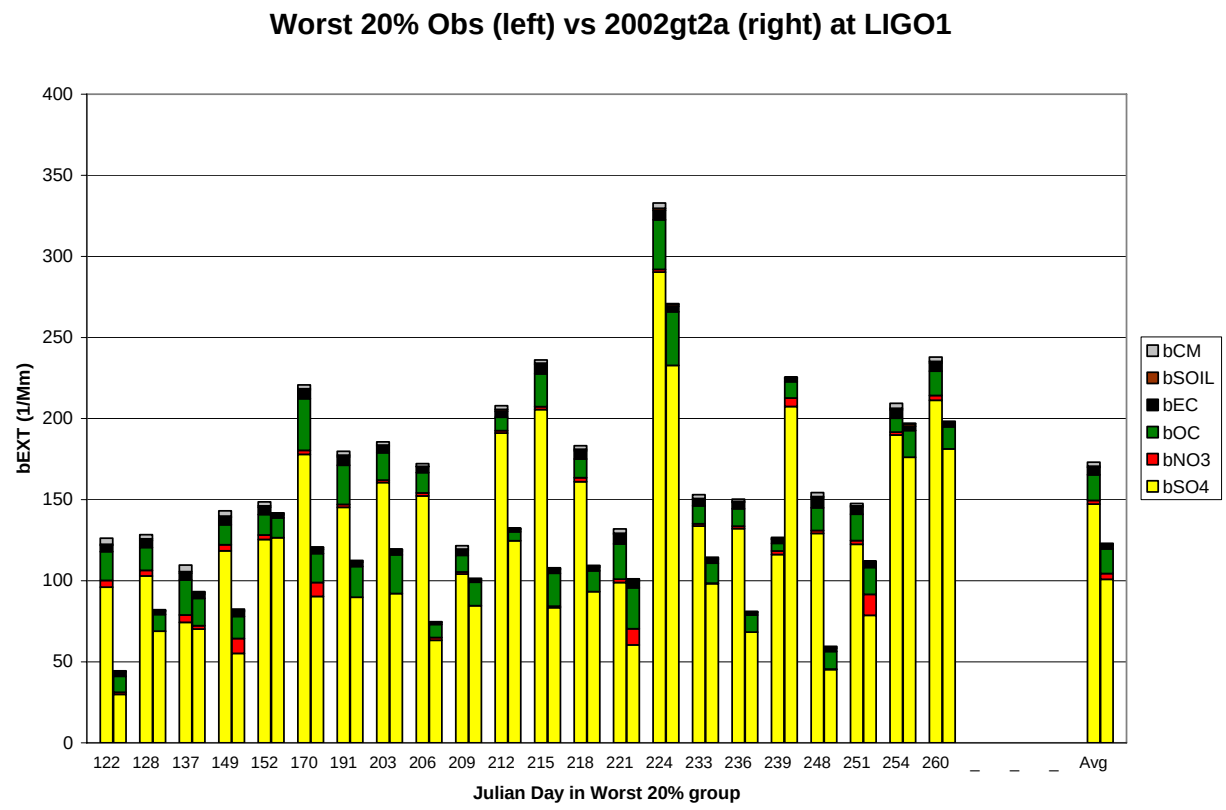

Figure E-8d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Linville Gorge (LIGO), North Carolina and Worst 20% (W20%) days in 2002.

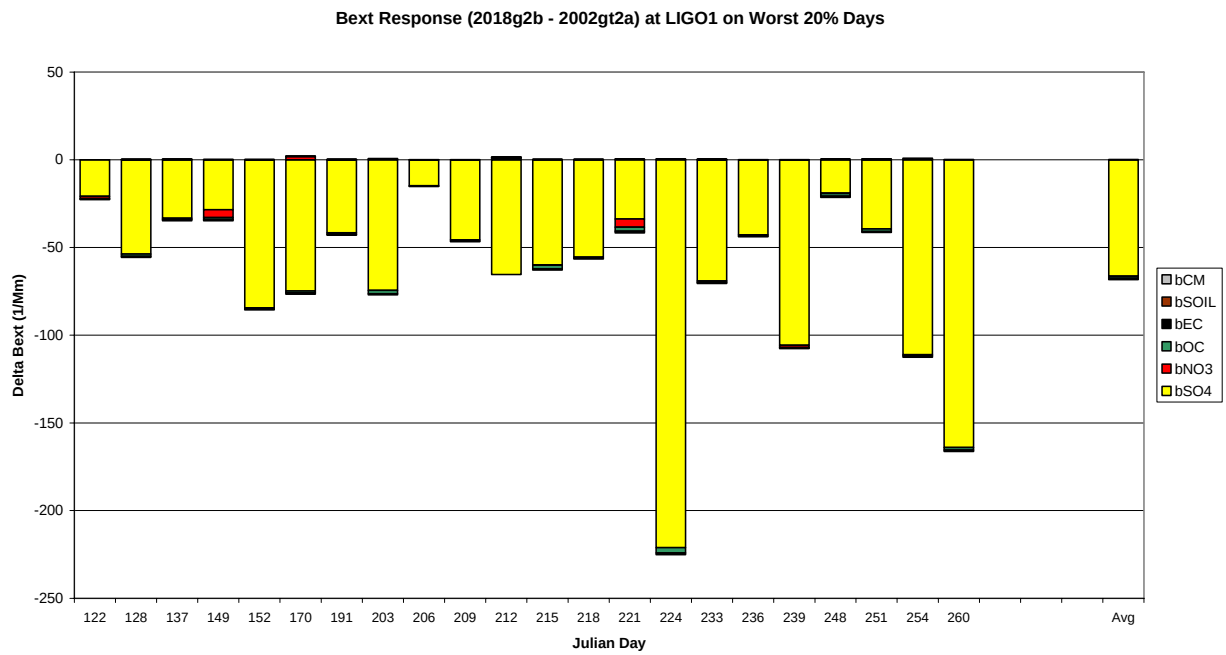

Figure E-8e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Linville Gorge (LIGO), North Carolina and Worst 20% (W20%) days in 2002.

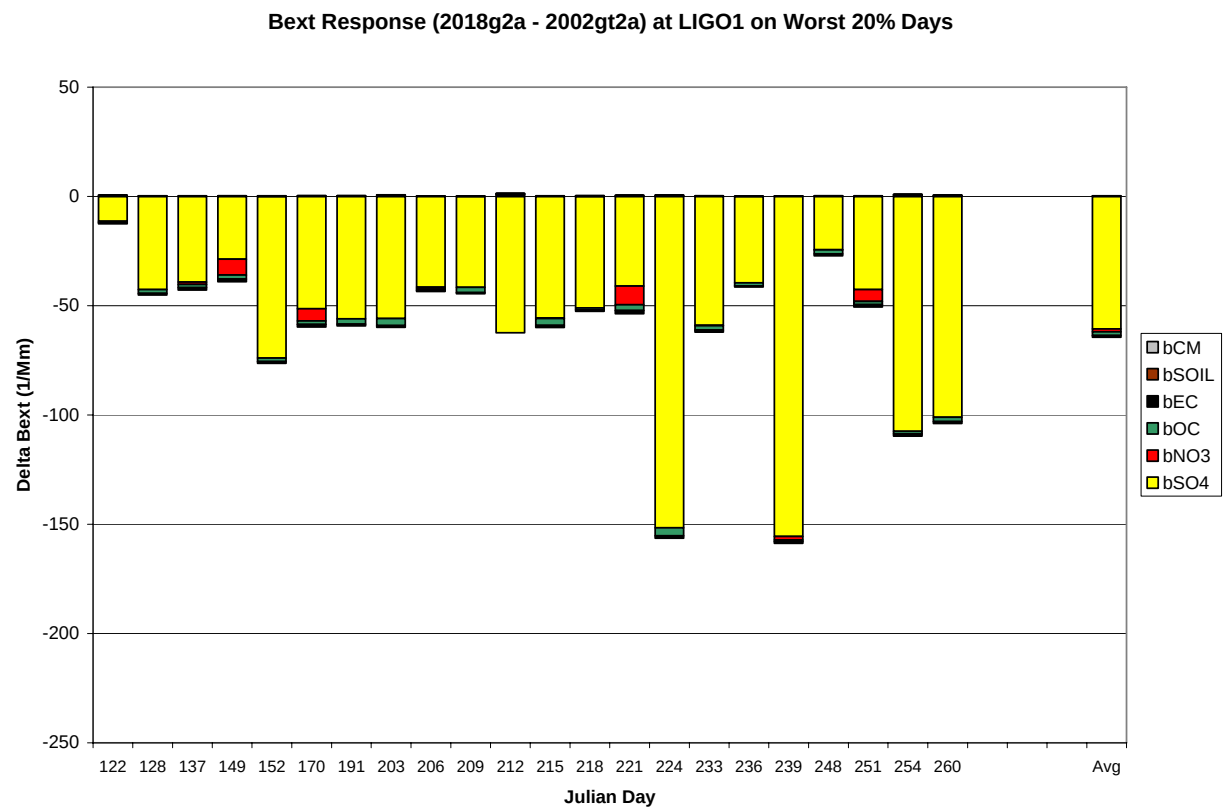

Figure E-8f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Linville Gorge (LIGO), North Carolina and Worst 20% (W20%) days in 2002.

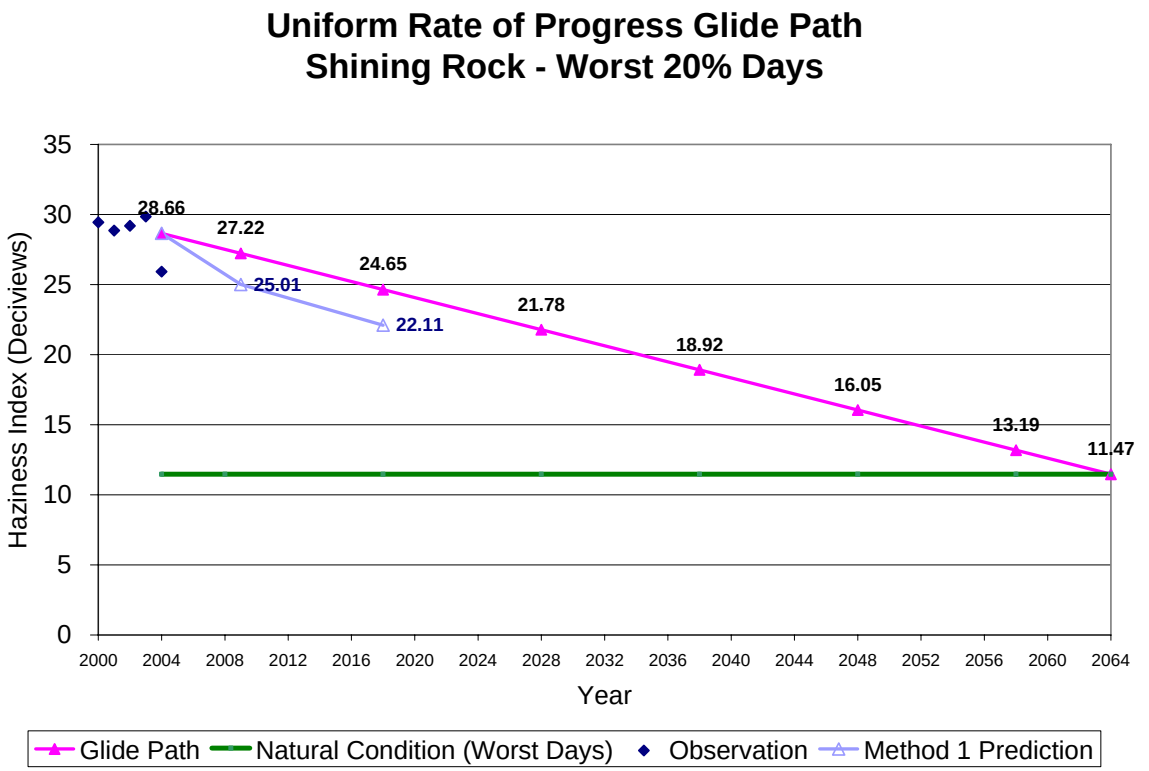

Figure E-9a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Shining Rock (SHRO), North Carolina and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

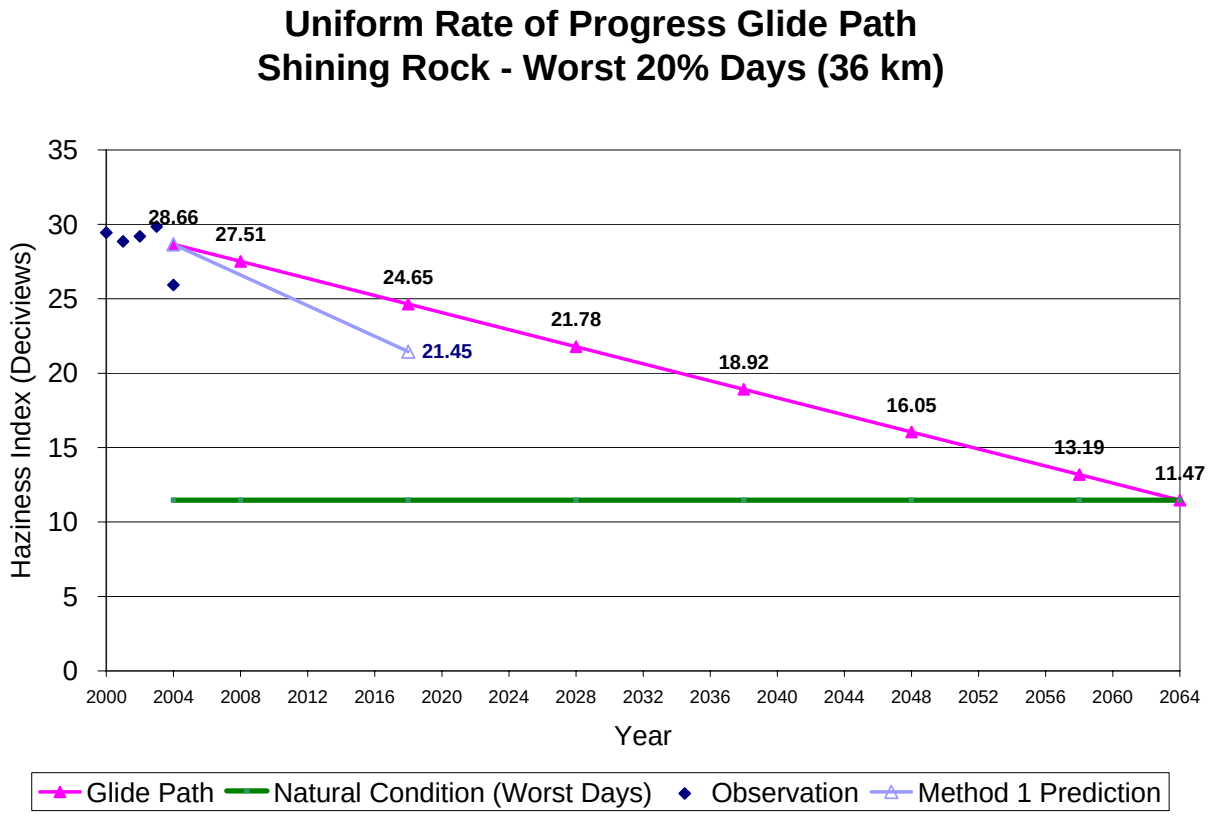

Figure E-9b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Shining Rock (SHRO), North Carolina and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

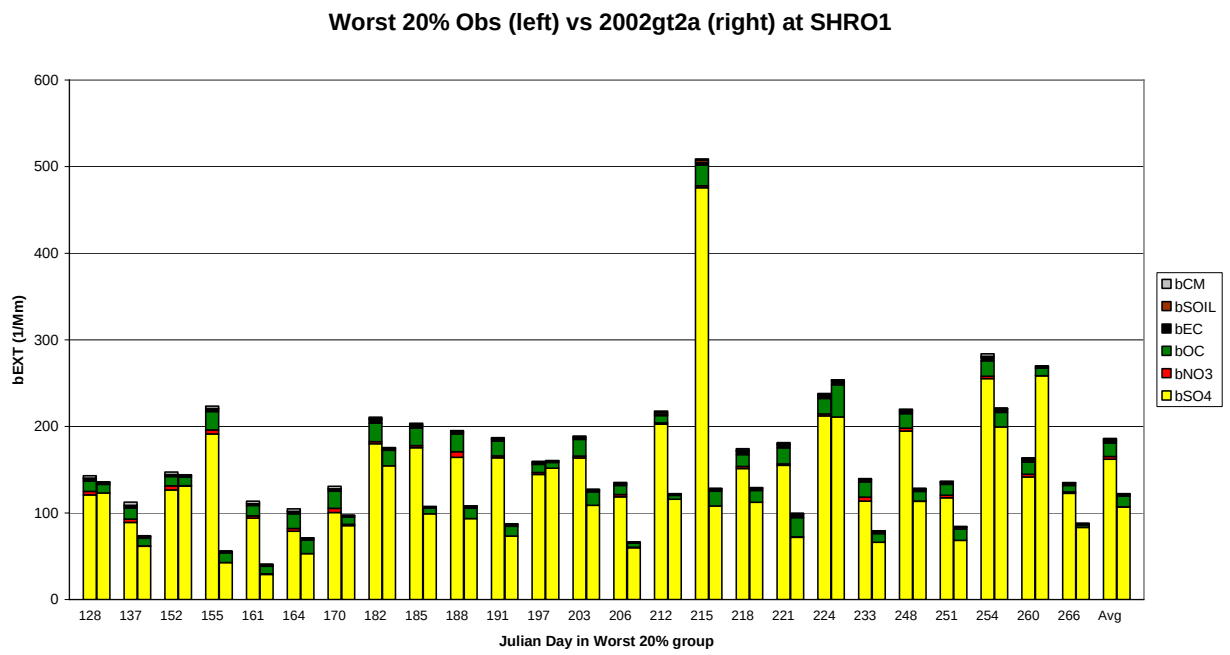

Figure E-9c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Shining Rock (SHRO), North Carolina and Worst 20% (W20%) days in 2002.

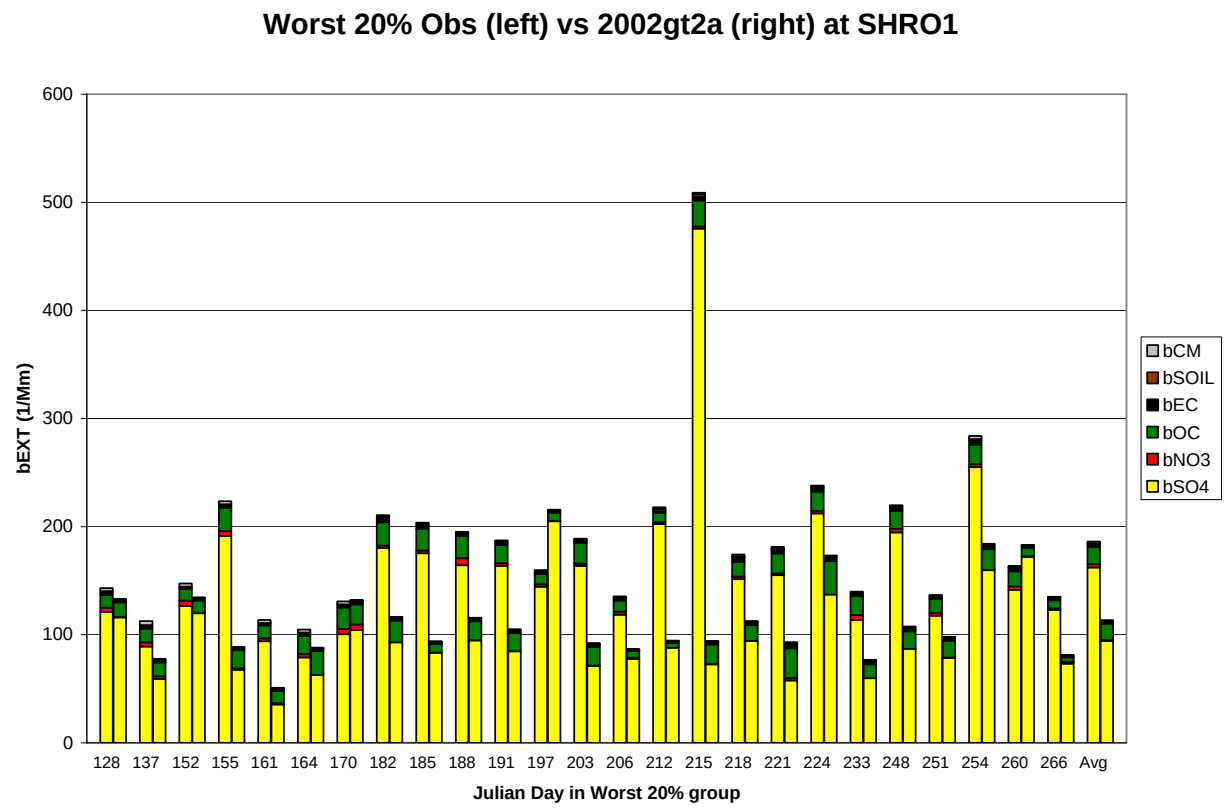

Figure E-9d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Shining Rock (SHRO), North Carolina and Worst 20% (W20%) days in 2002.

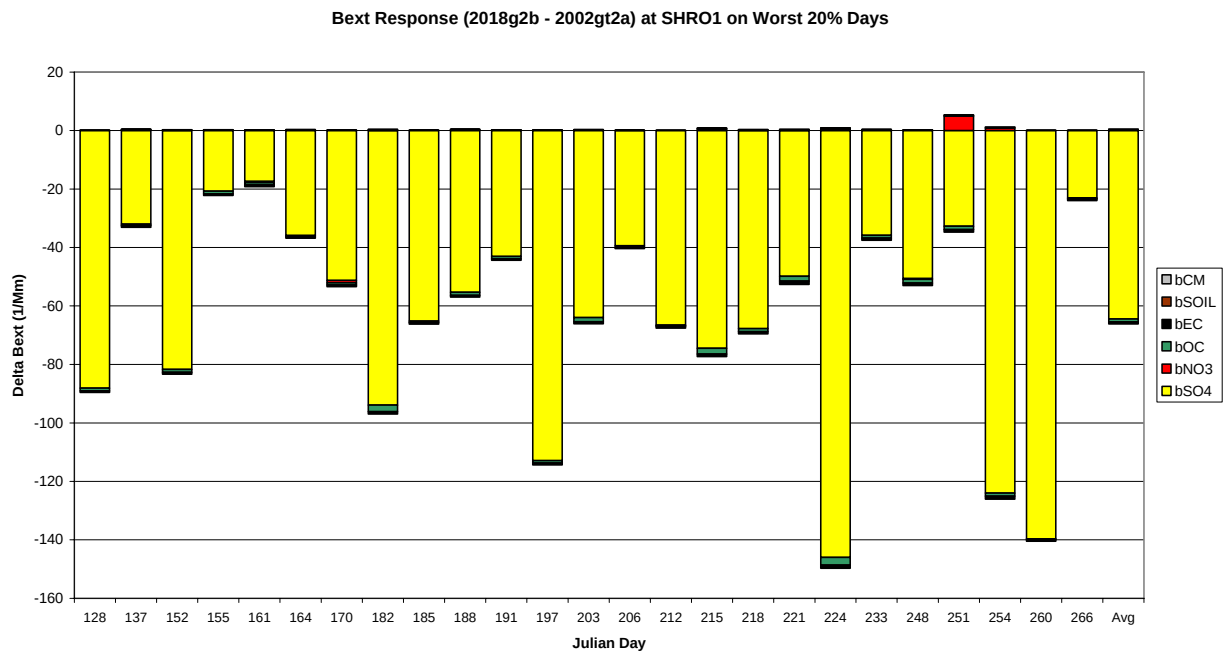

Figure E-9e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Shining Rock (SHRO), North Carolina and Worst 20% (W20%) days in 2002.

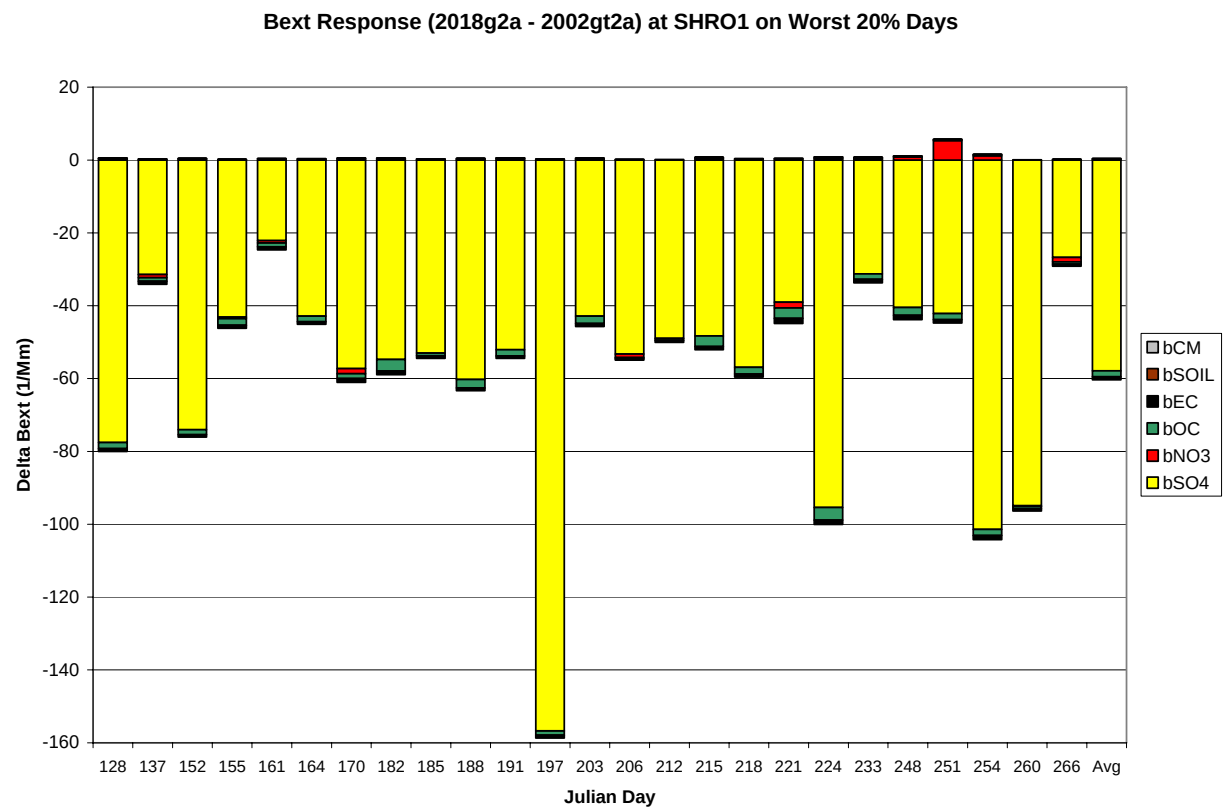

Figure E-9f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Shining Rock (SHRO), North Carolina and Worst 20% (W20%) days in 2002.

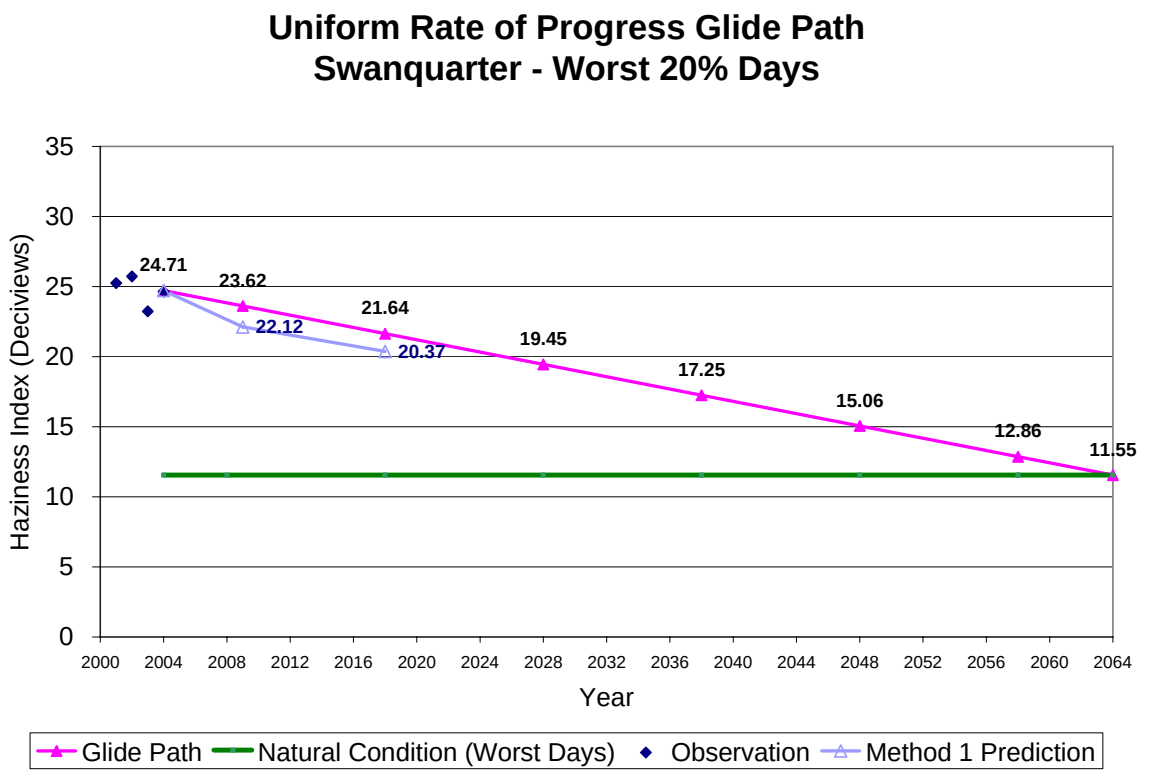

Figure E-10a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Swanquarter (SWAN), North Carolina and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

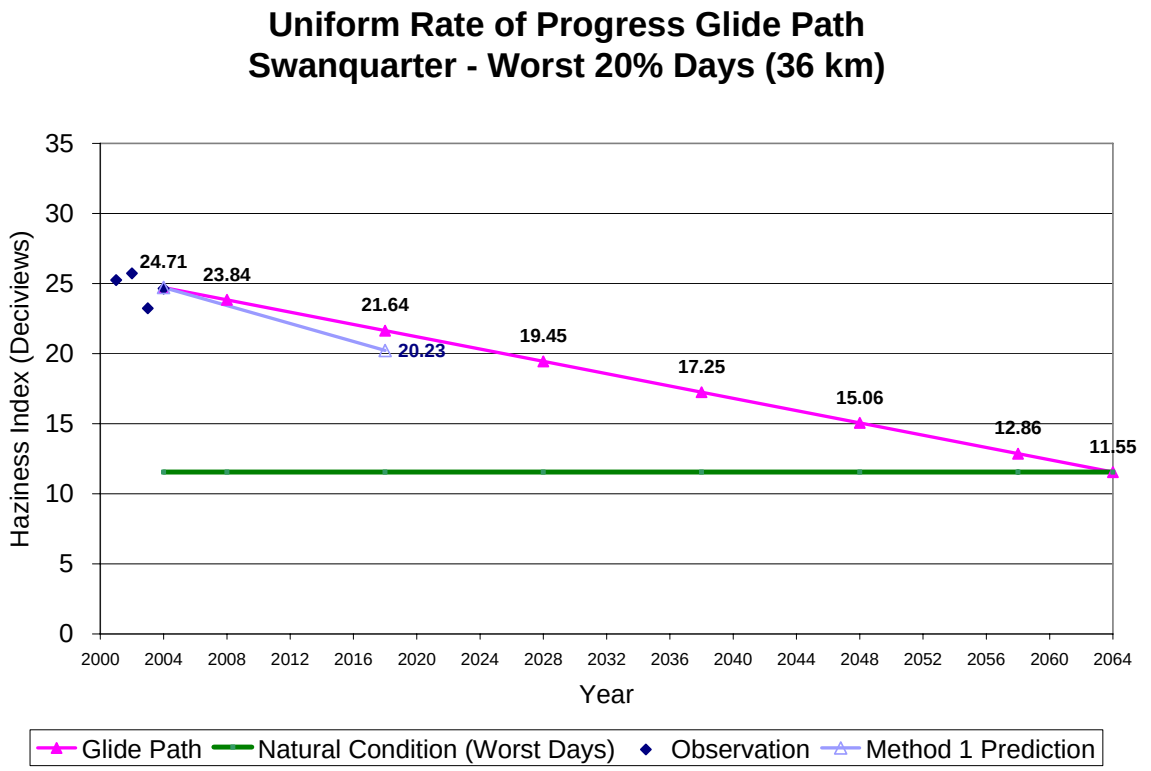

Figure E-10b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Swanquarter (SWAN), North Carolina and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results..

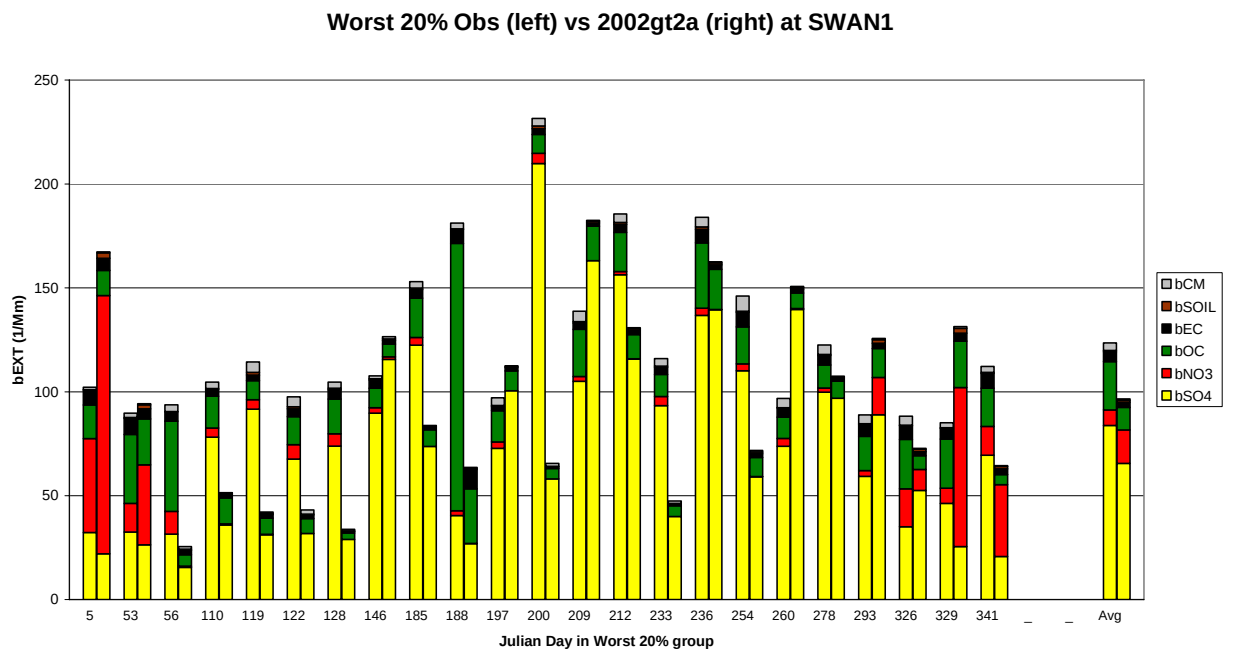

Figure E-10c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Swanquarter (SWAN), North Carolina and Worst 20% (W20%) days in 2002.

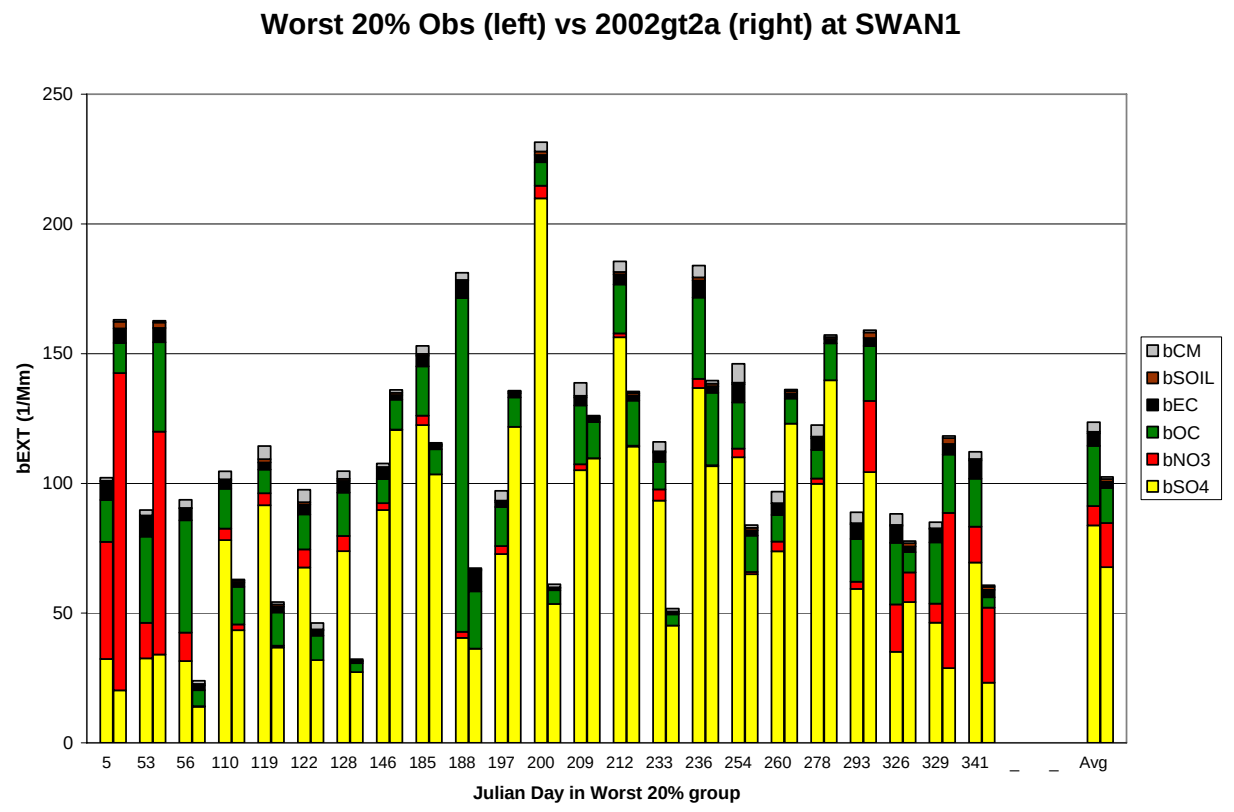

Figure E-10d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Swanquarter (SWAN), North Carolina and Worst 20% (W20%) days in 2002.

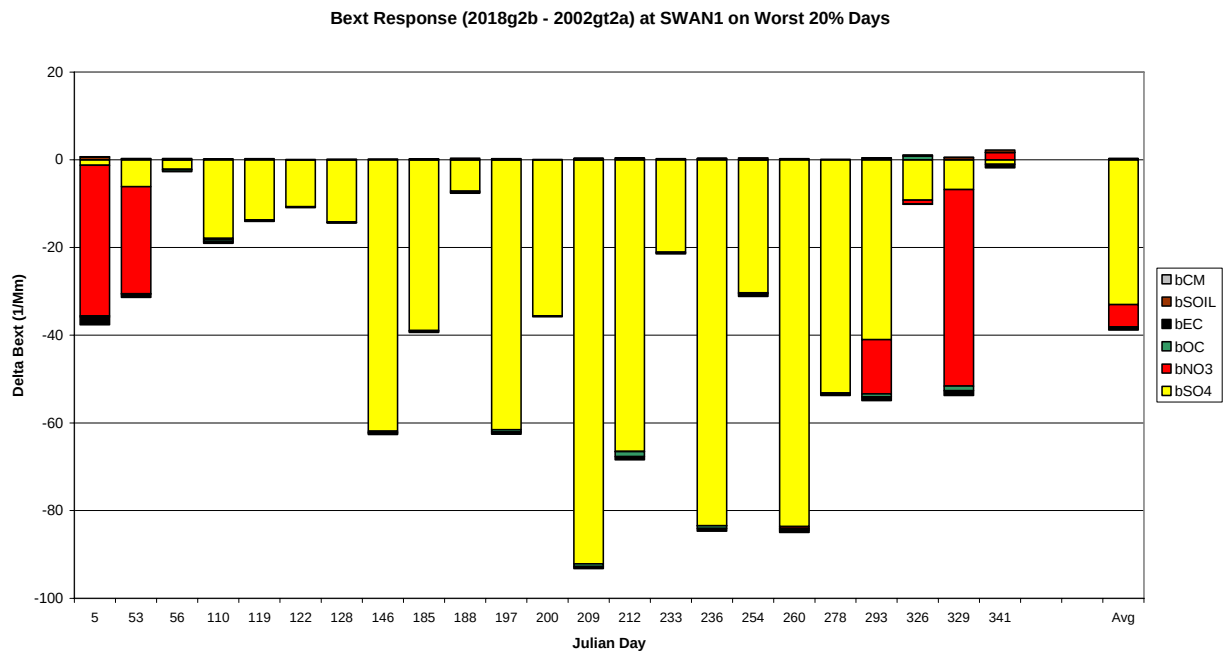

Figure E-10e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Swanquarter (SWAN), North Carolina and Worst 20% (W20%) days in 2002.

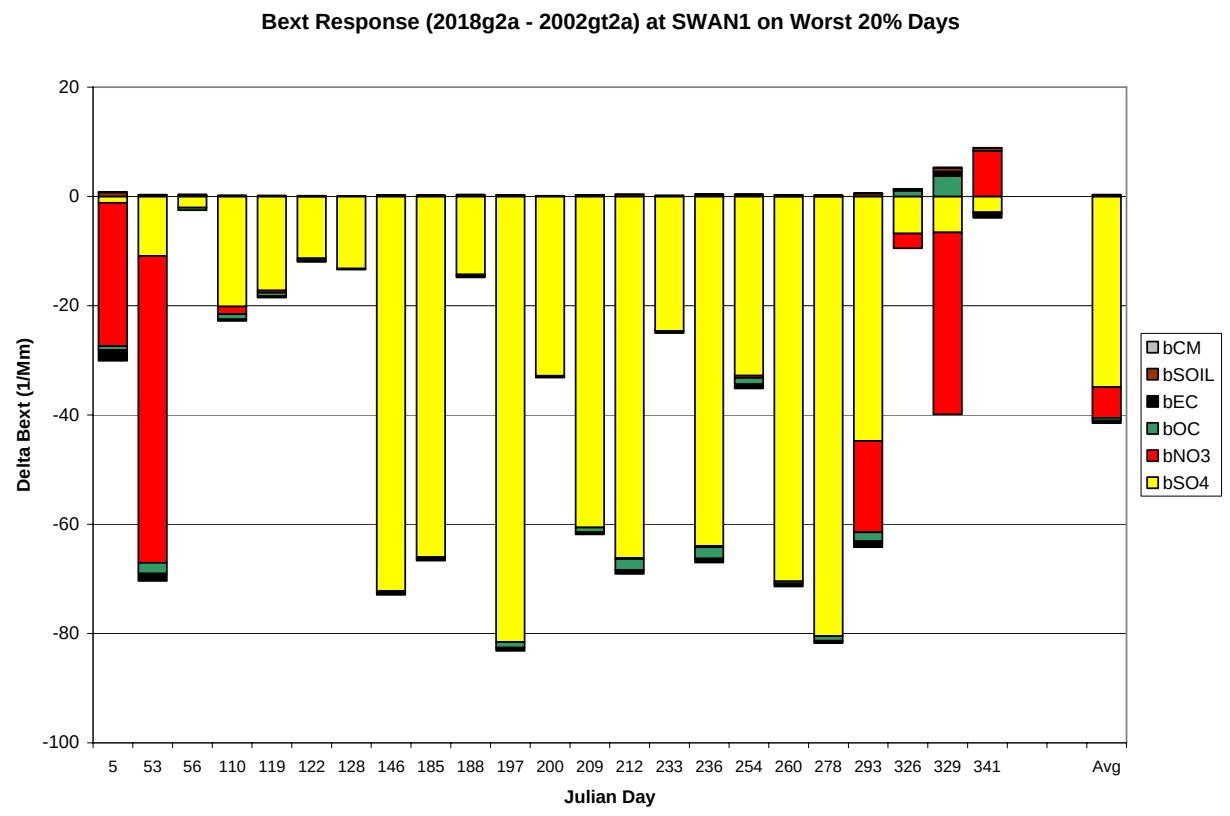

Figure E-10f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Swanquarter (SWAN), North Carolina and Worst 20% (W20%) days in 2002.

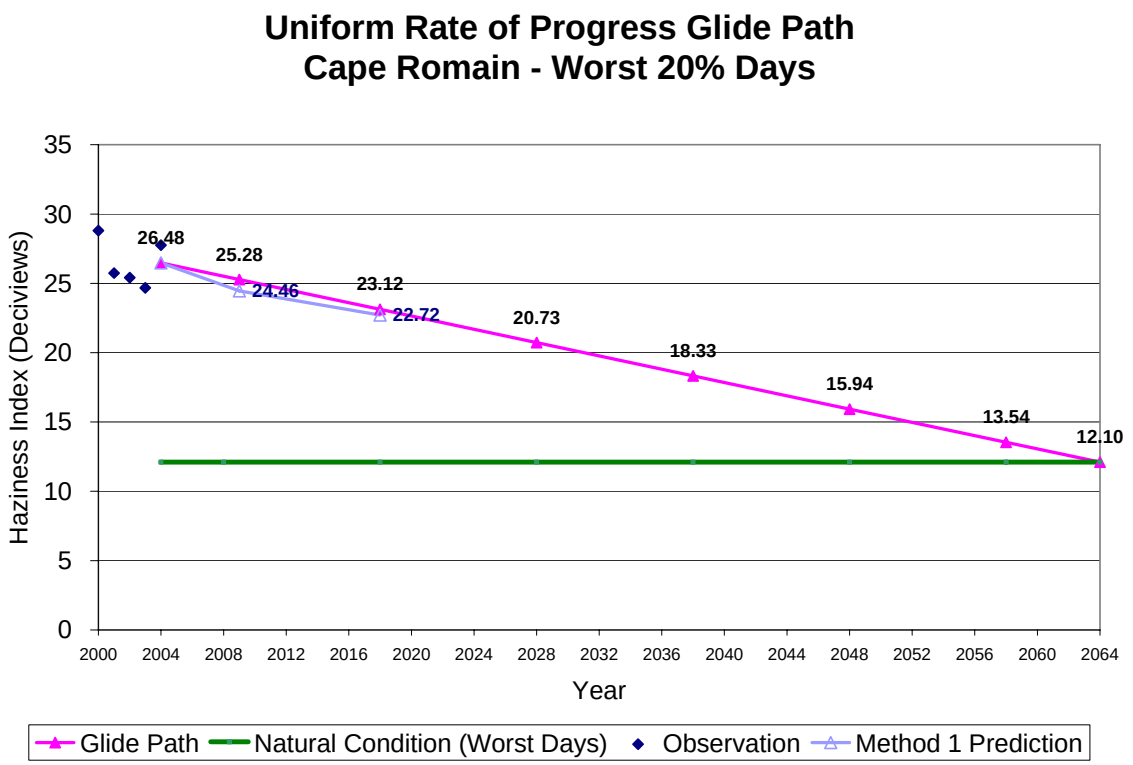

Figure E-11a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Cape Romain (ROMA), South Carolina and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

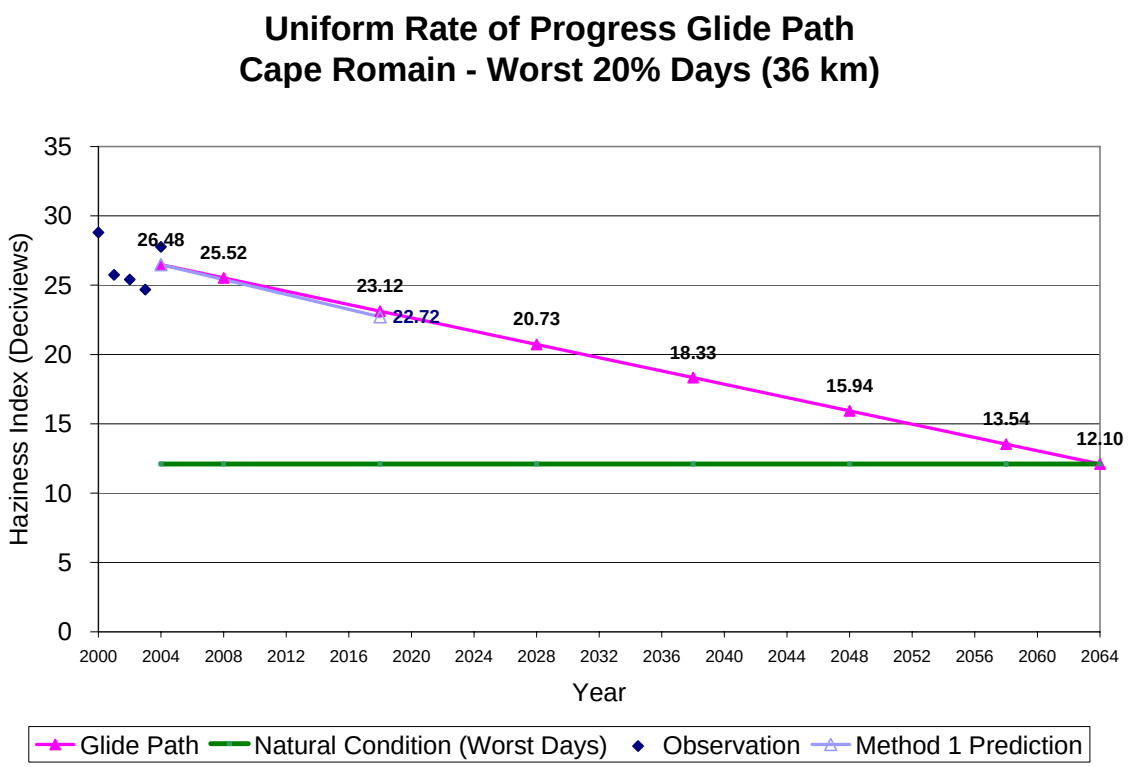

Figure E-11b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Cape Romain (ROMA), South Carolina and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

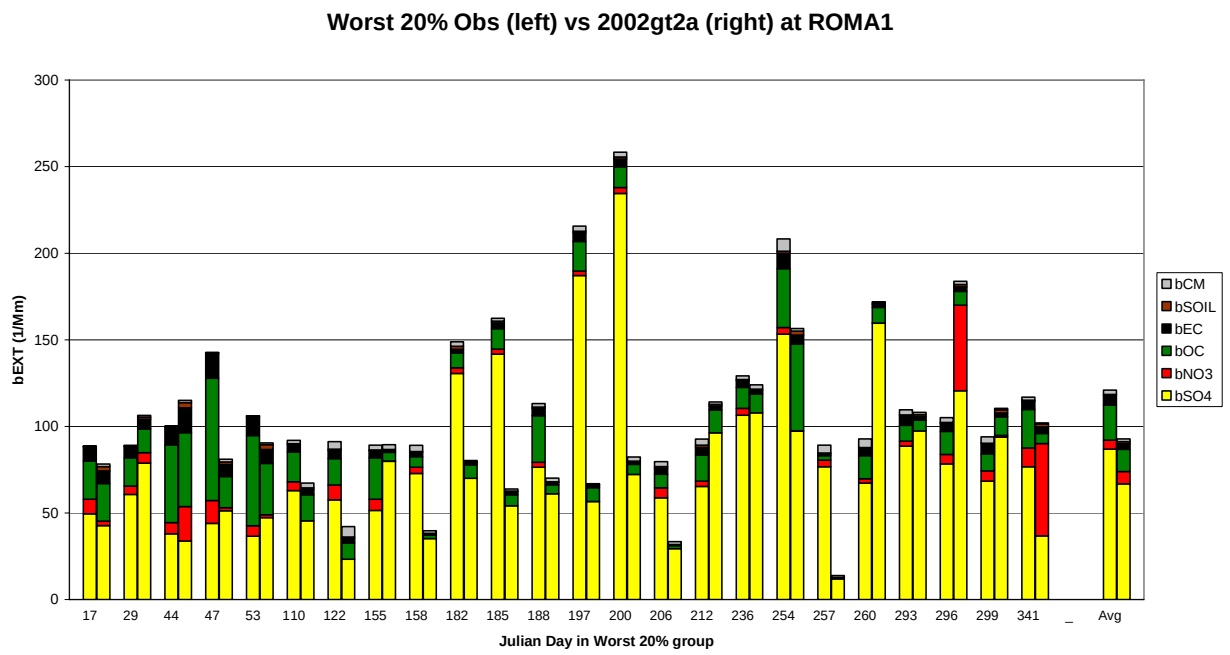

Figure E-11c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Cape Romain (ROMA), South Carolina and Worst 20% (W20%) days in 2002.

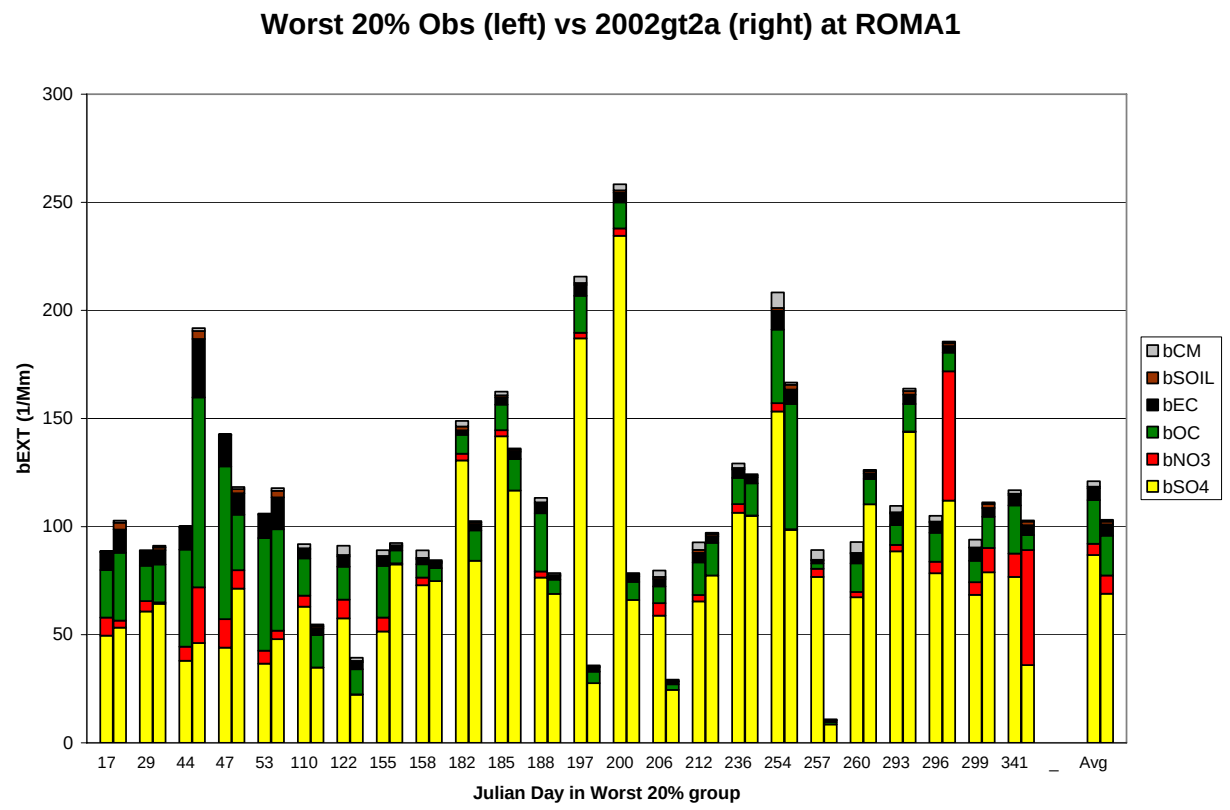

Figure E-11d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Cape Romain (ROMA), South Carolina and Worst 20% (W20%) days in 2002.

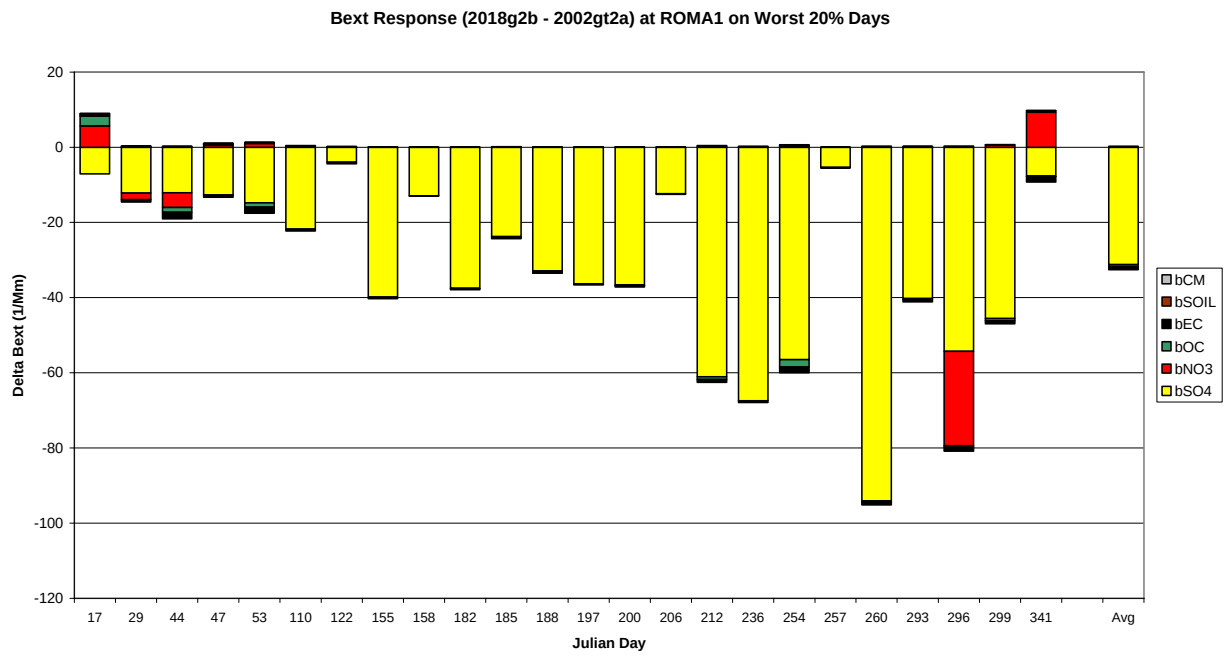

Figure E-11e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Cape Romain (ROMA), South Carolina and Worst 20% (W20%) days in 2002.

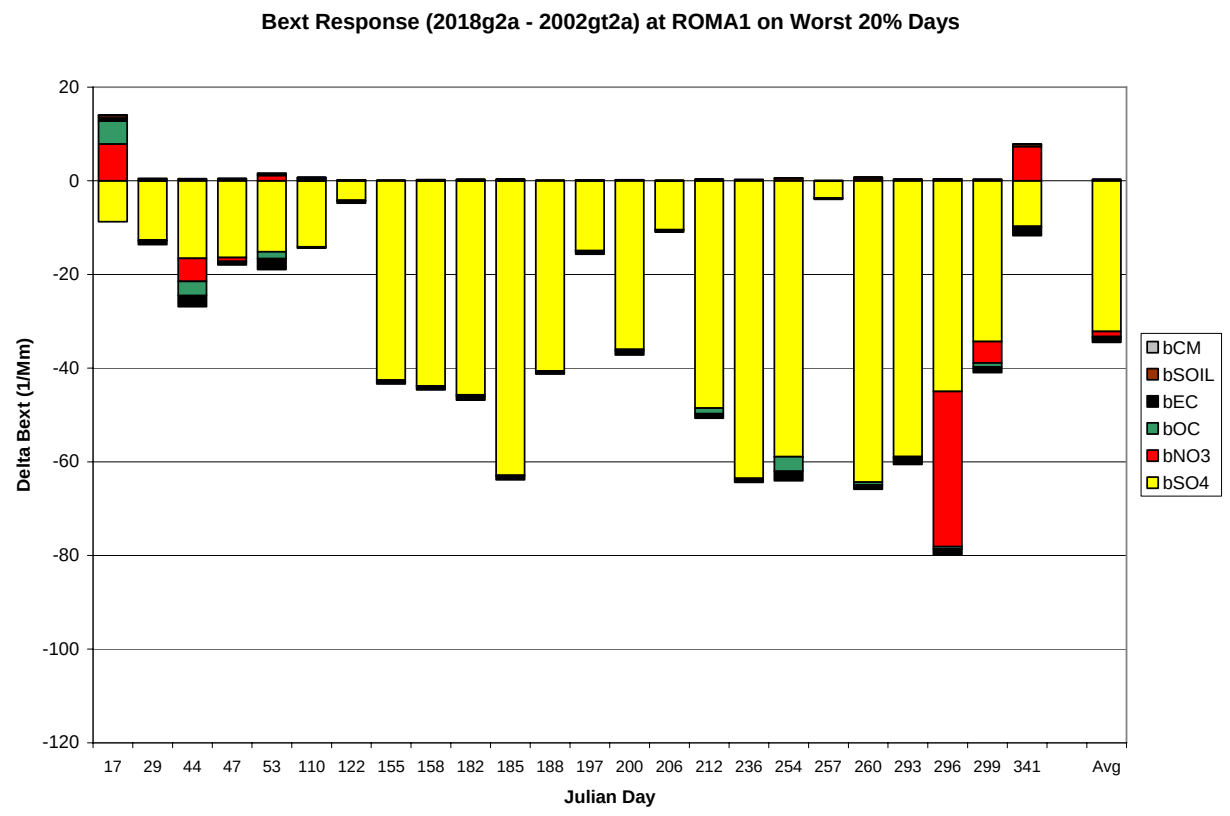

Figure E-11f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Cape Romain (ROMA), South Carolina and Worst 20% (W20%) days in 2002.

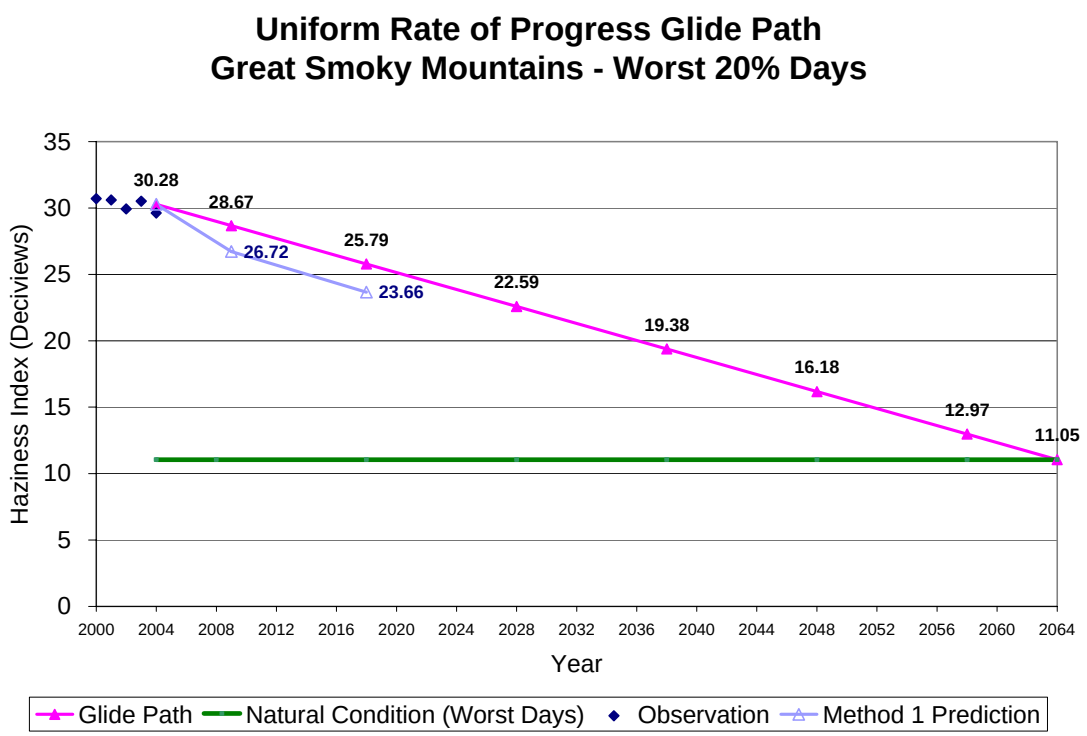

Figure E-12a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Great Smoky Mountains (GRSM), Tennessee-North Carolina and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

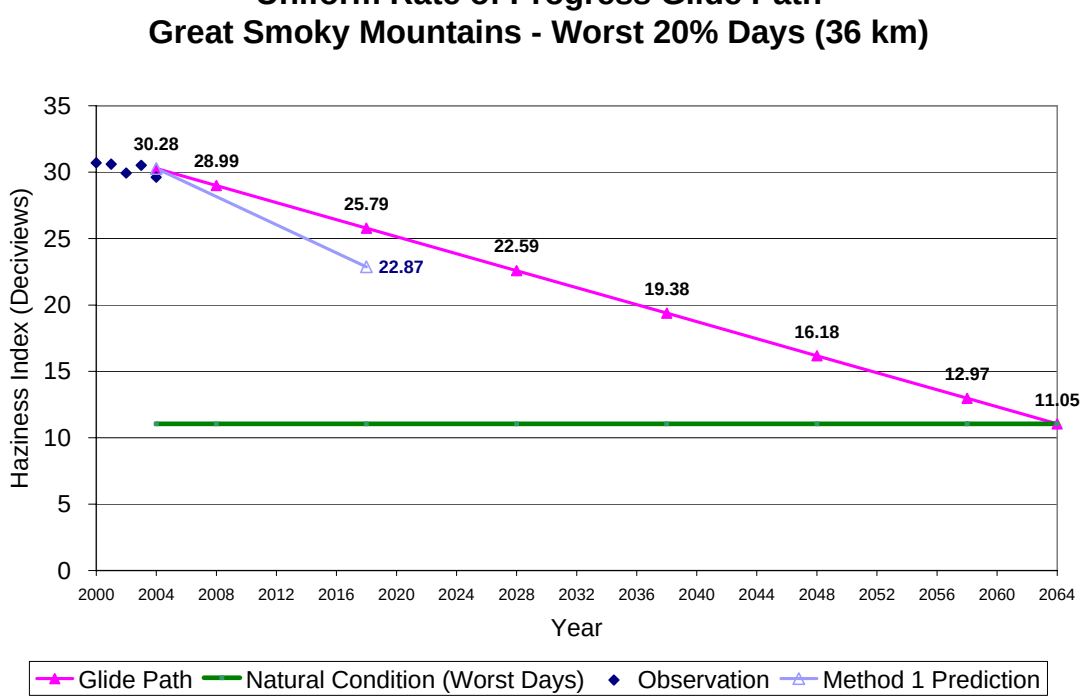

Figure E-12b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Great Smoky Mountains (GRSM), Tennessee-North Carolina and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results..

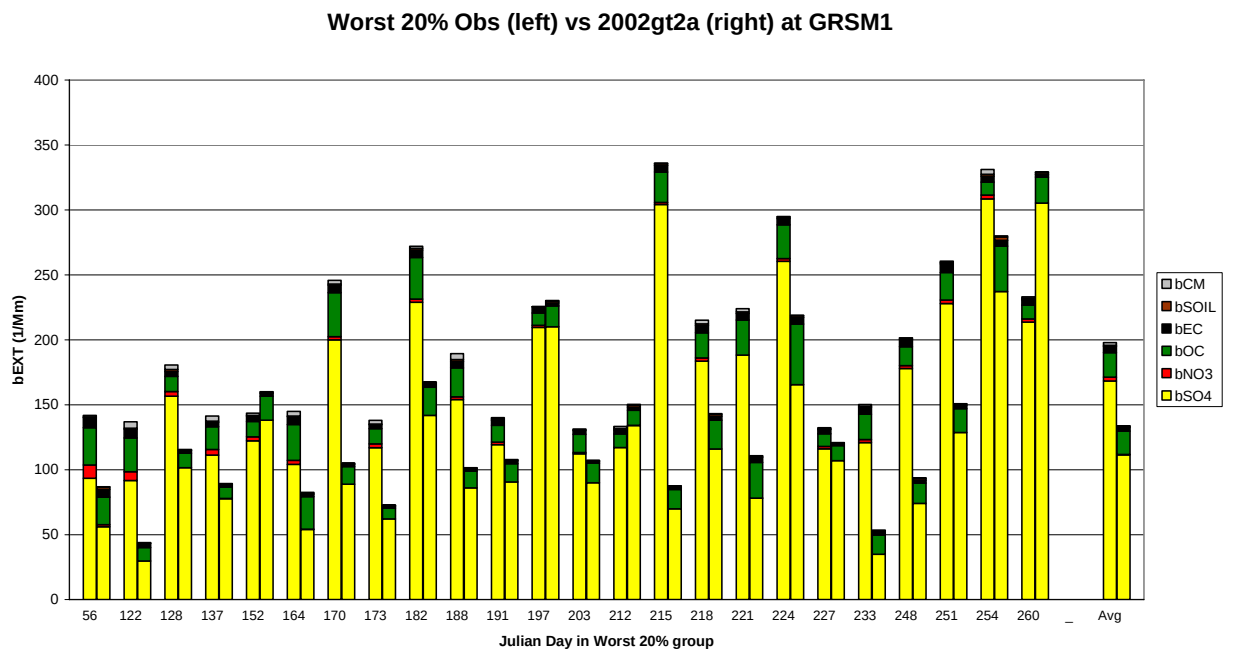

Figure E-12c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Great Smoky Mountains (GRSM), Tennessee-North Carolina and Worst 20% (W20%) days in 2002.

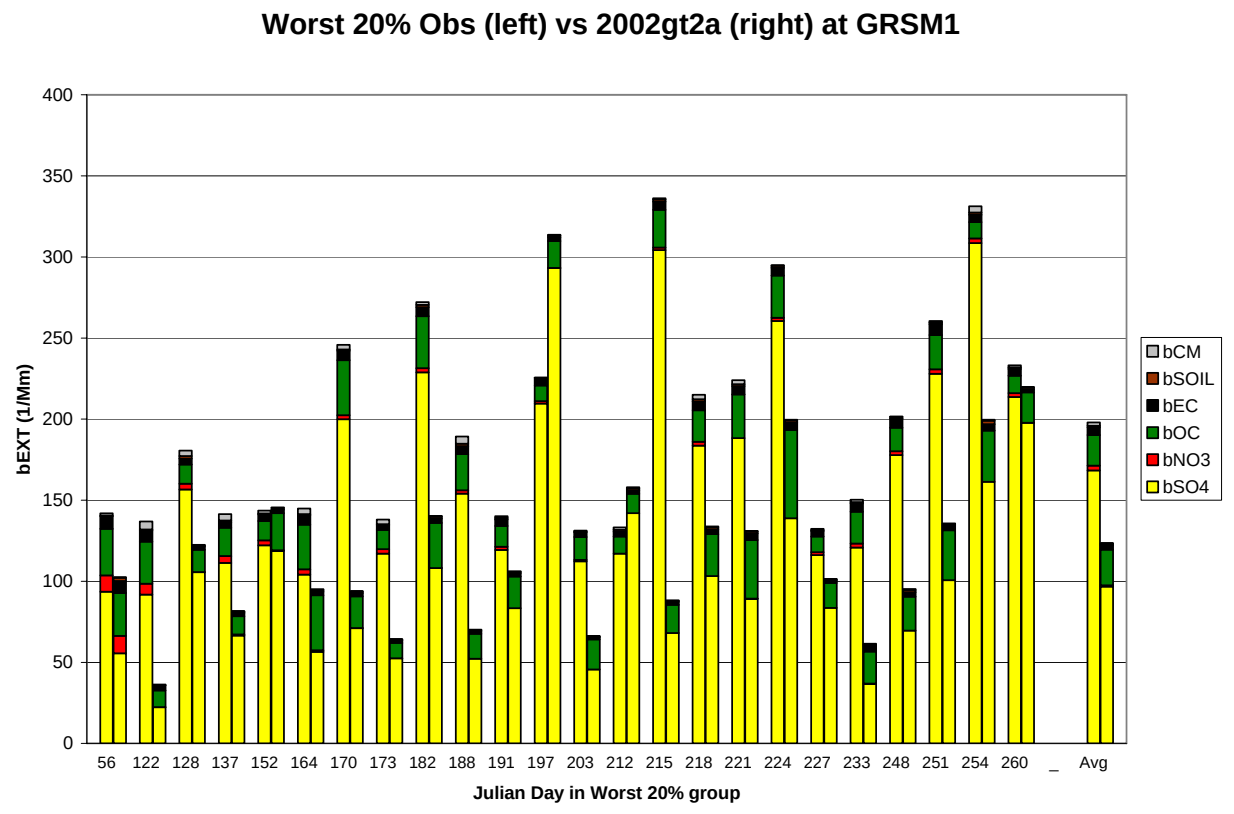

Figure E-12d. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Great Smoky Mountains (GRSM), Tennessee-North Carolina and Worst 20% (W20%) days in 2002.

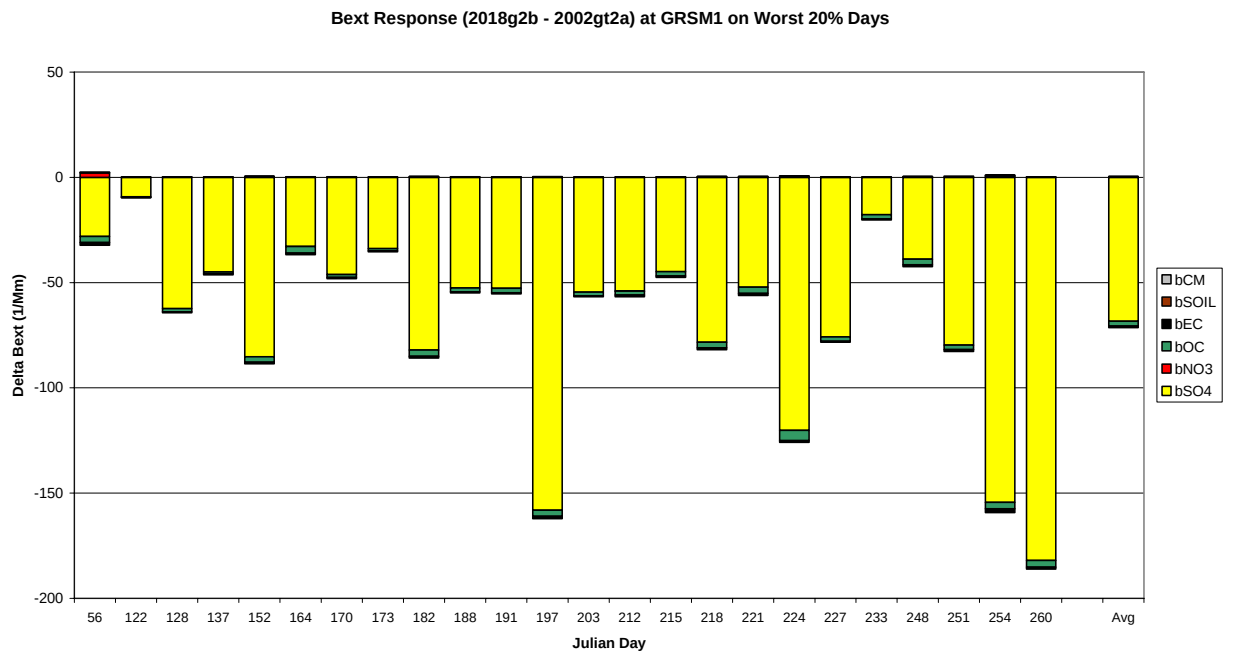

Figure E-12e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Great Smoky Mountains (GRSM), Tennessee-North Carolina and Worst 20% (W20%) days in 2002.

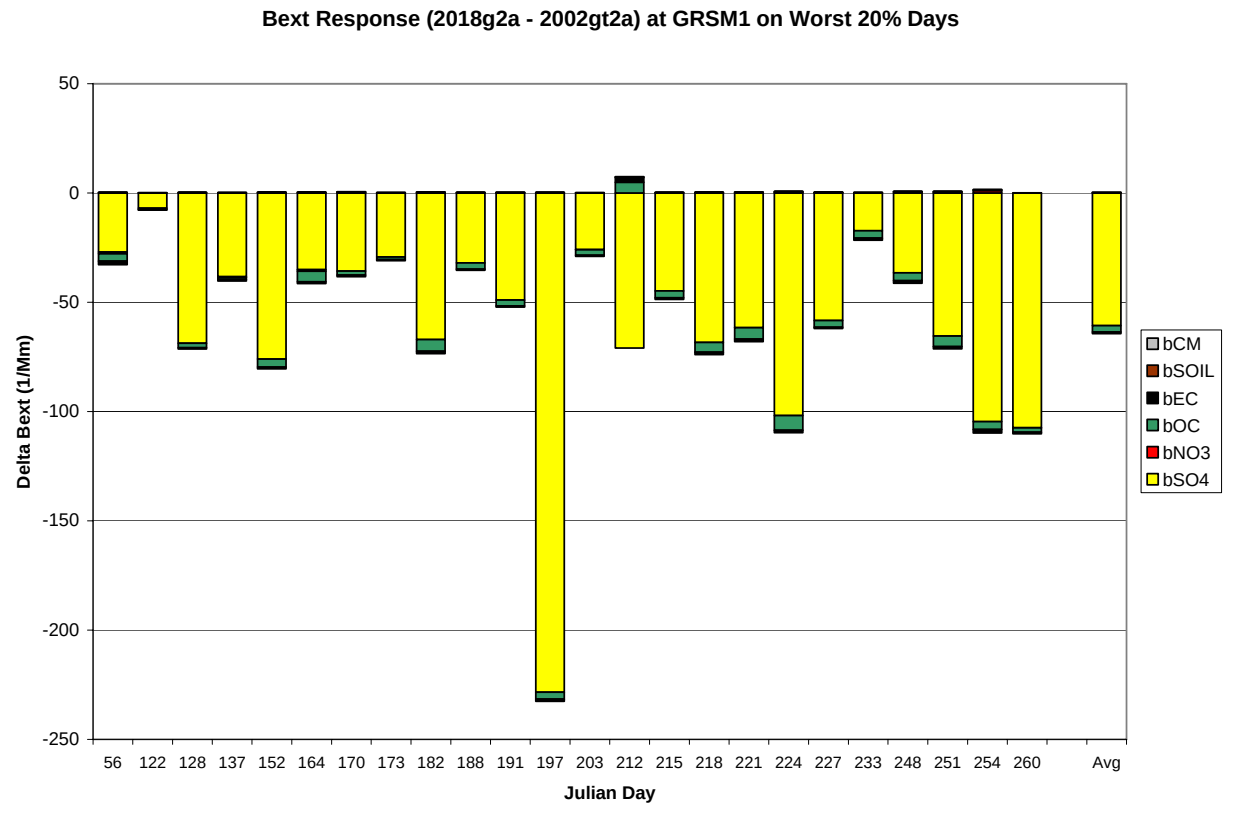

Figure E-12f. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Great Smoky Mountains (GRSM), Tennessee-North Carolina and Worst 20% (W20%) days in 2002.

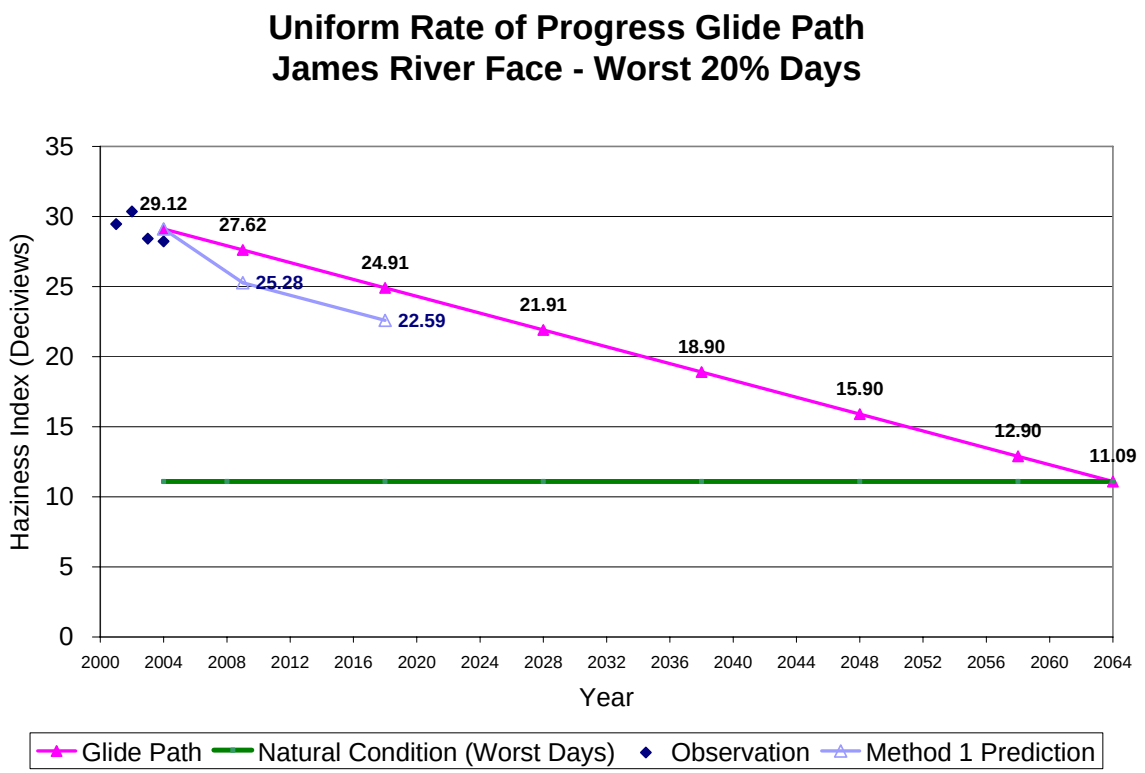

Figure E-13a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for James River Face (JARI), Virginia and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

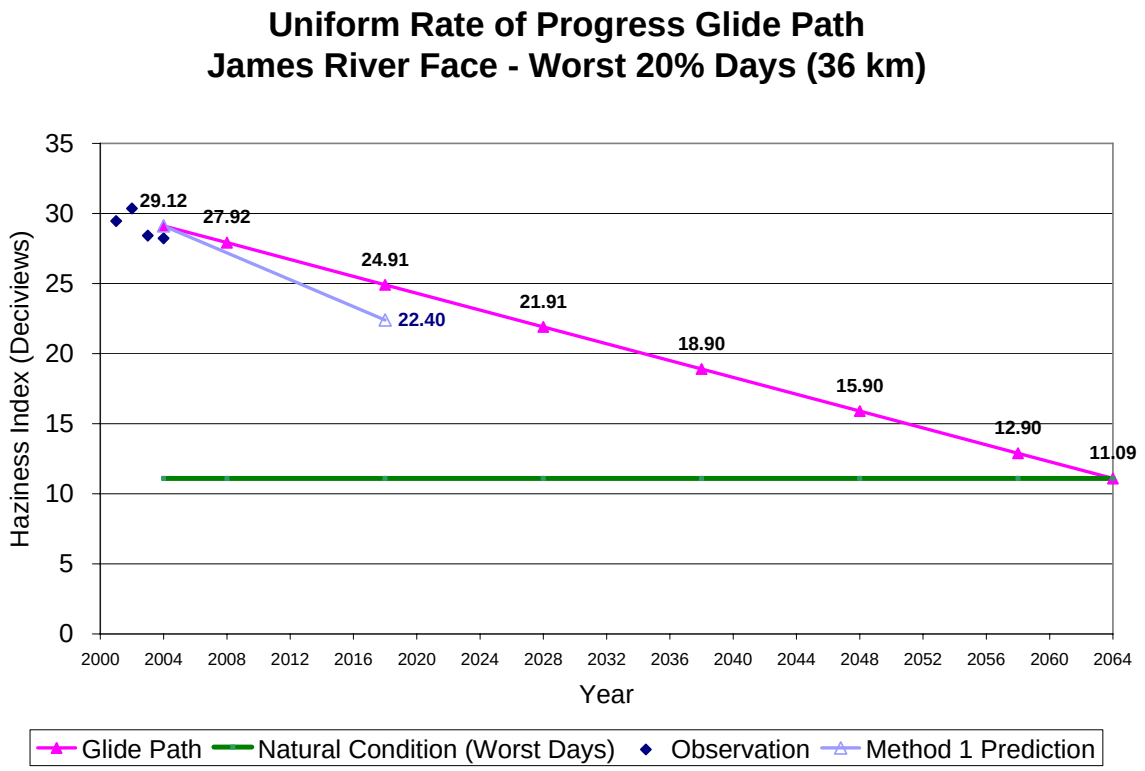

Figure E-13b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for James River Face (JARI), Virginia and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

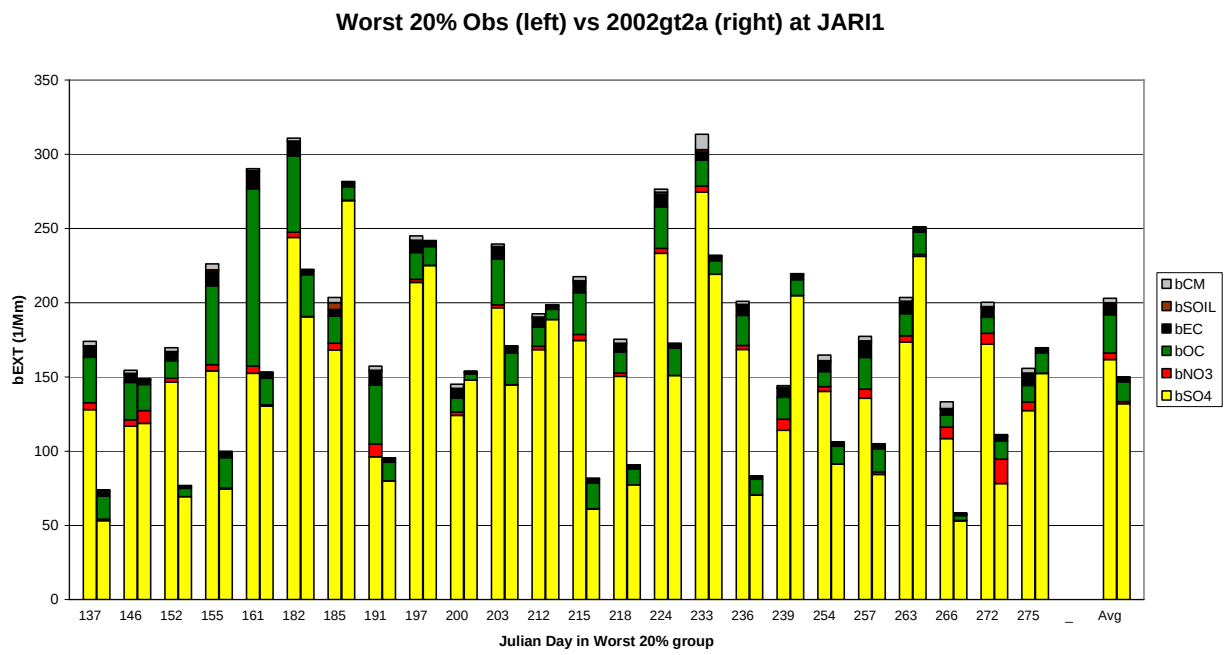

Figure E-13c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for James River Face (JARI), Virginia and Worst 20% (W20%) days in 2002.

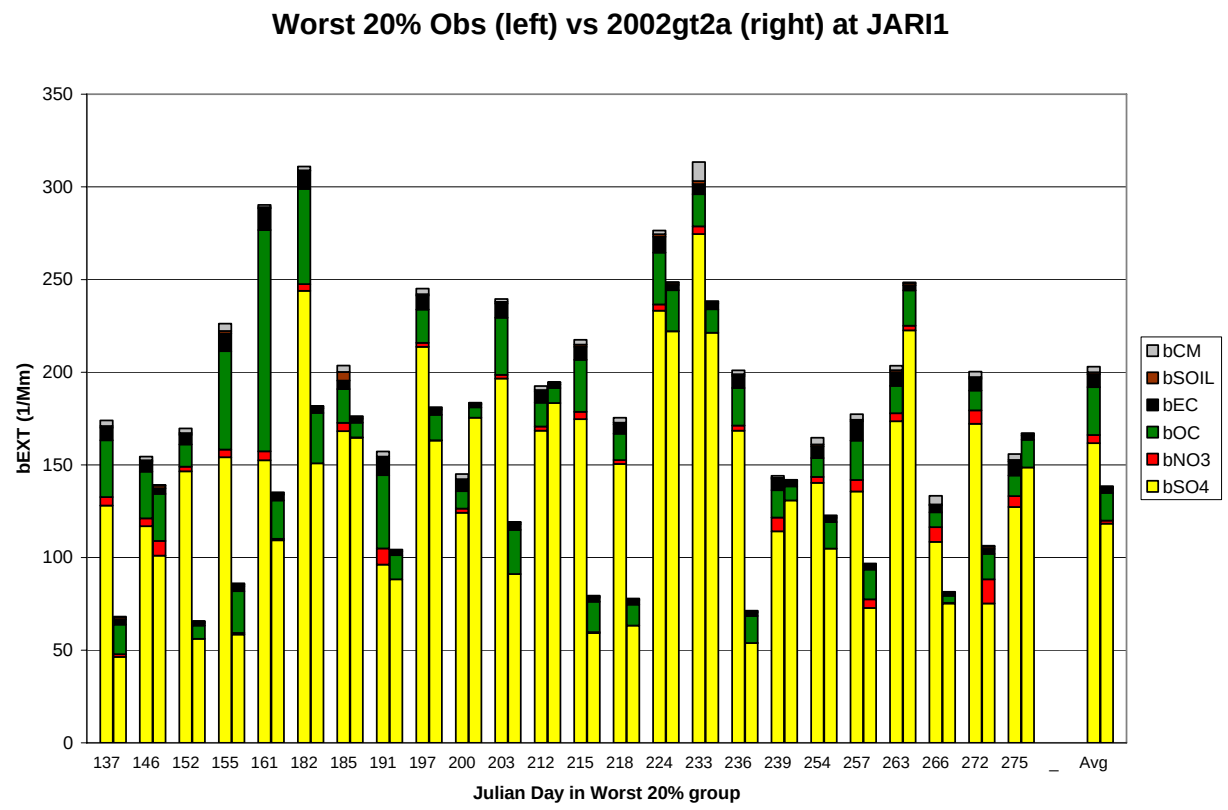

Figure E-13d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for James River Face (JARI), Virginia and Worst 20% (W20%) days in 2002.

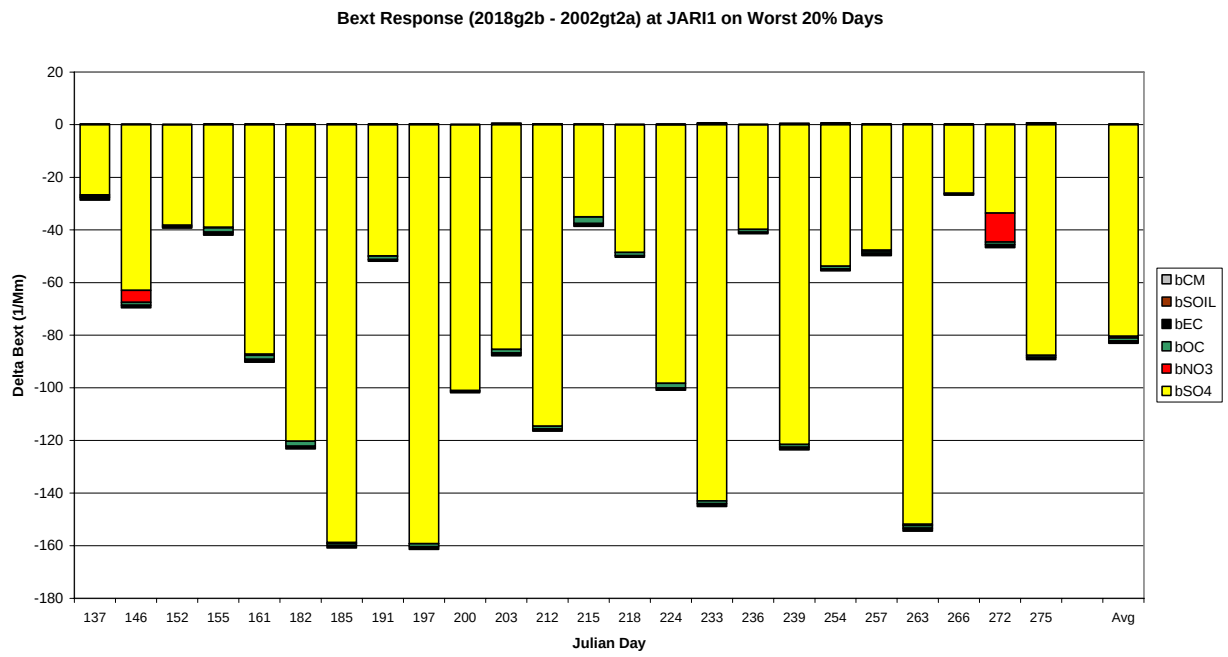

Figure E-13e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for James River Face (JARI), Virginia and Worst 20% (W20%) days in 2002.

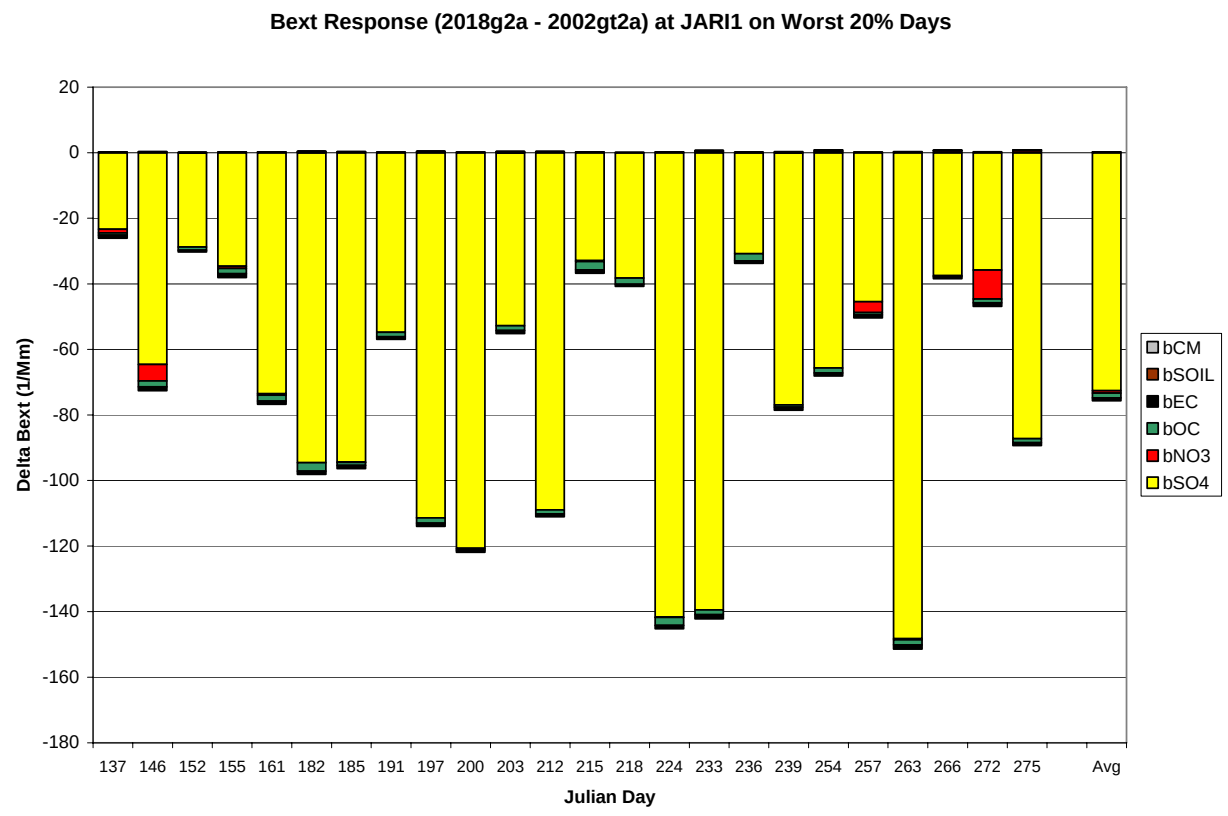

Figure E-13f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for James River Face (JARI), Virginia and Worst 20% (W20%) days in 2002.

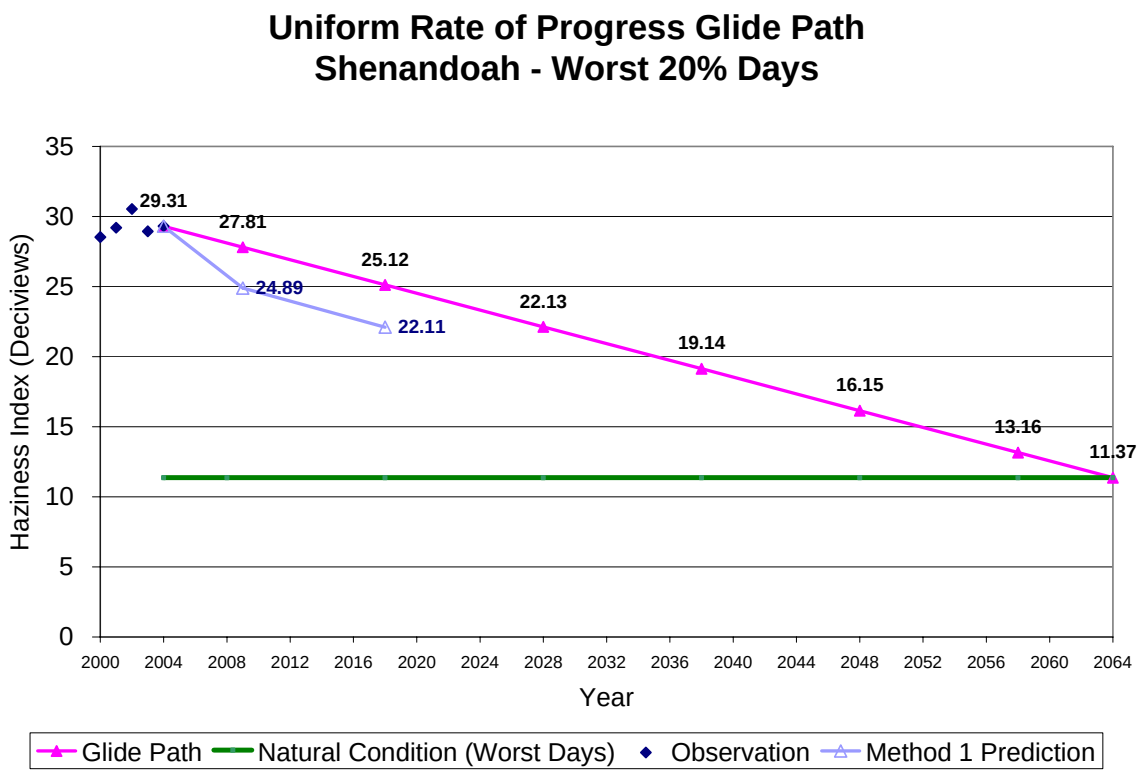

Figure E-14a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Shenandoah (SHEN), Virginia and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

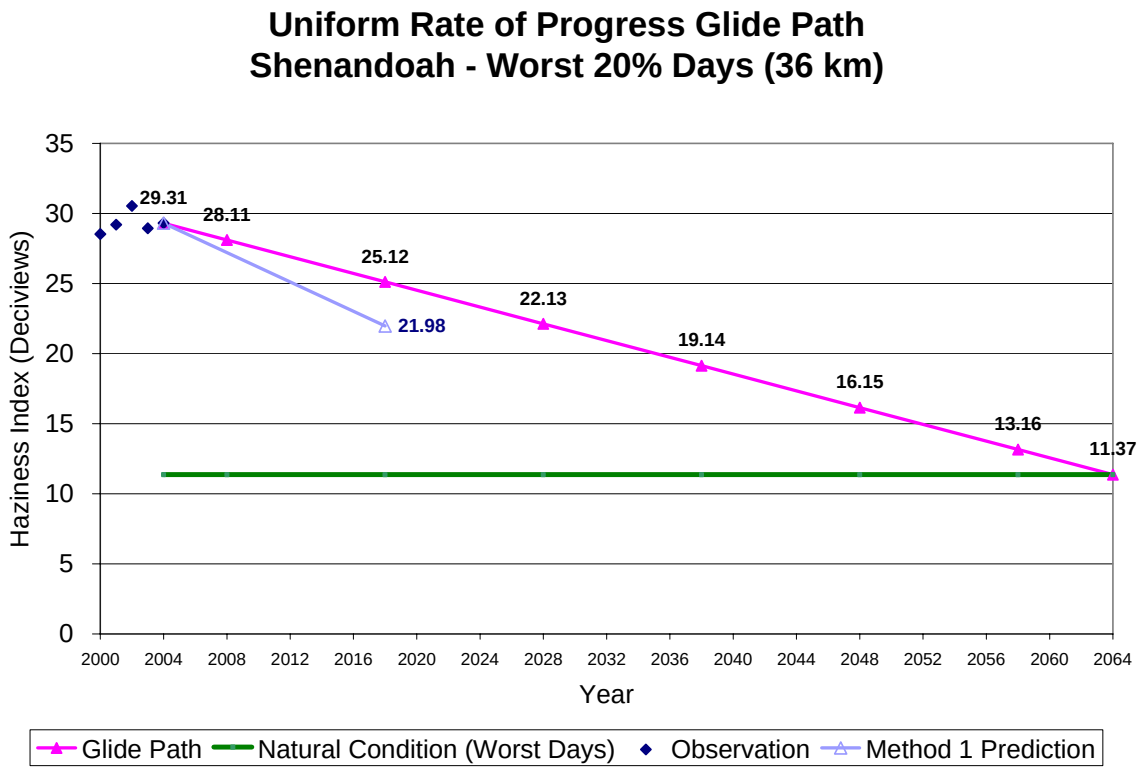

Figure E-14b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Shenandoah (SHEN), Virginia and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results..

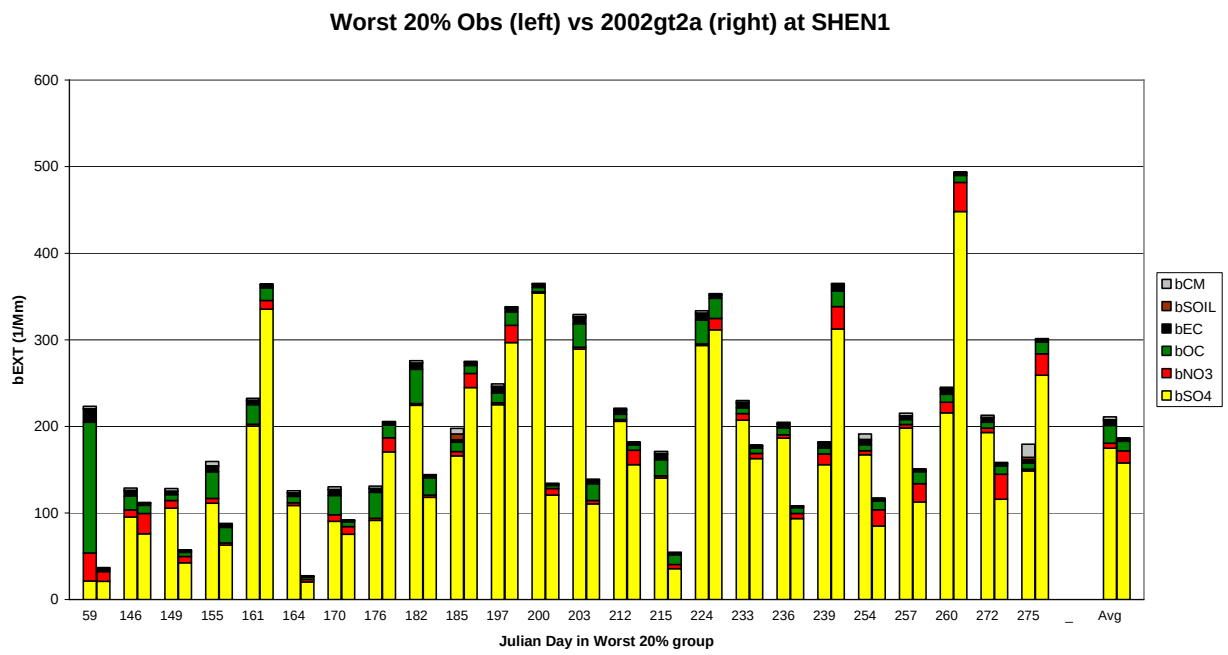

Figure E-14c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Shenandoah (SHEN), Virginia and Worst 20% (W20%) days in 2002.

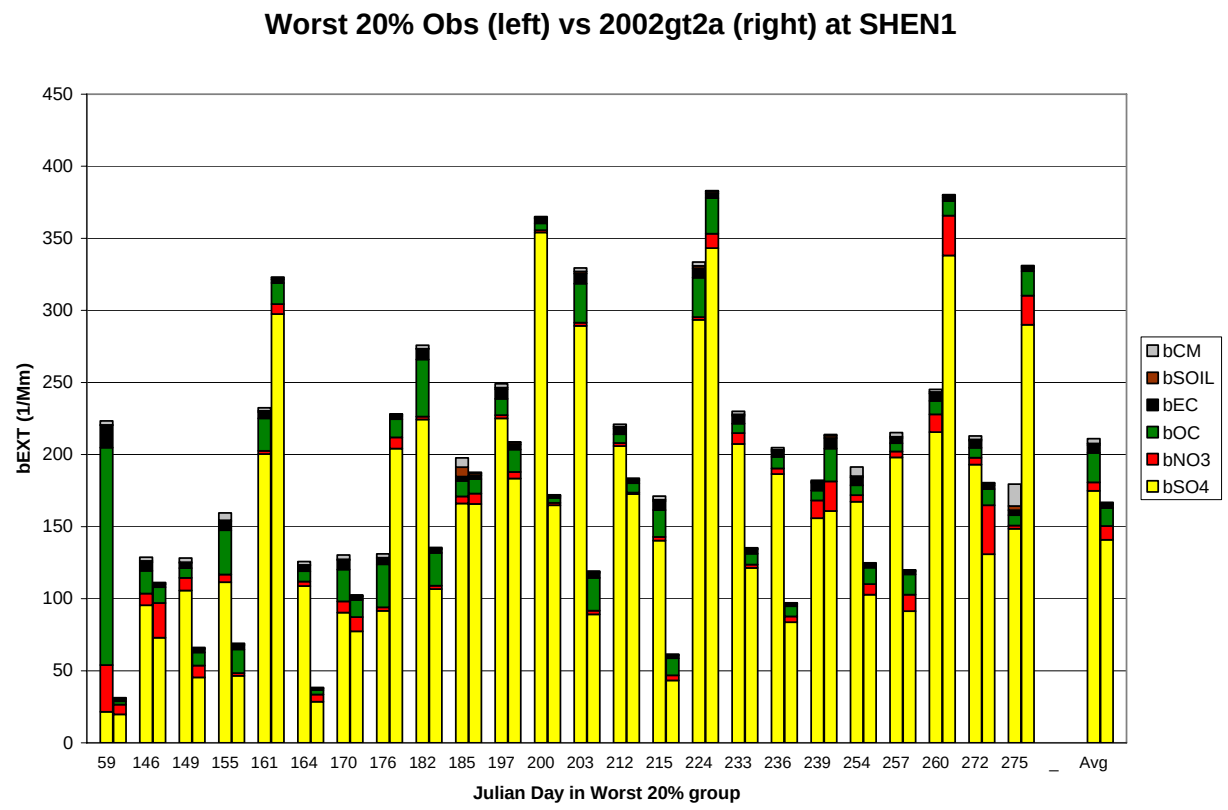

Figure E-14d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Shenandoah (SHEN), Virginia and Worst 20% (W20%) days in 2002.

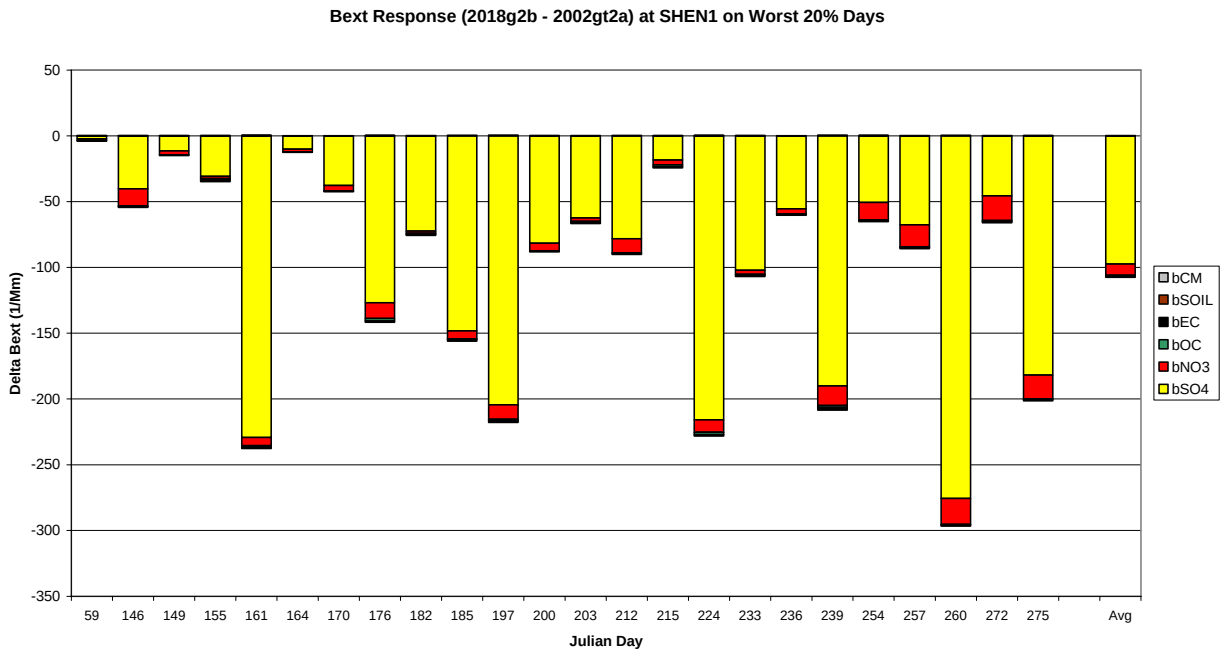

Figure E-14e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Shenandoah (SHEN), Virginia and Worst 20% (W20%) days in 2002.

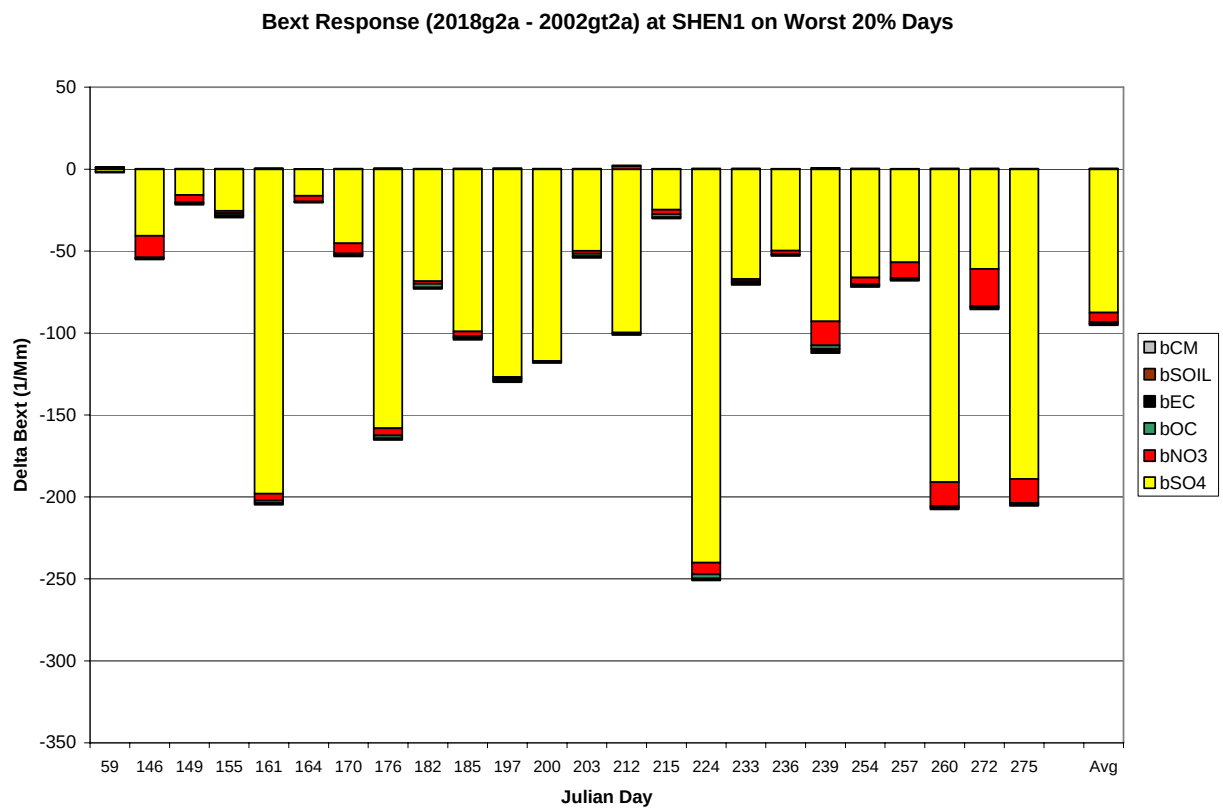

Figure E-14f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Shenandoah (SHEN), Virginia and Worst 20% (W20%) days in 2002.

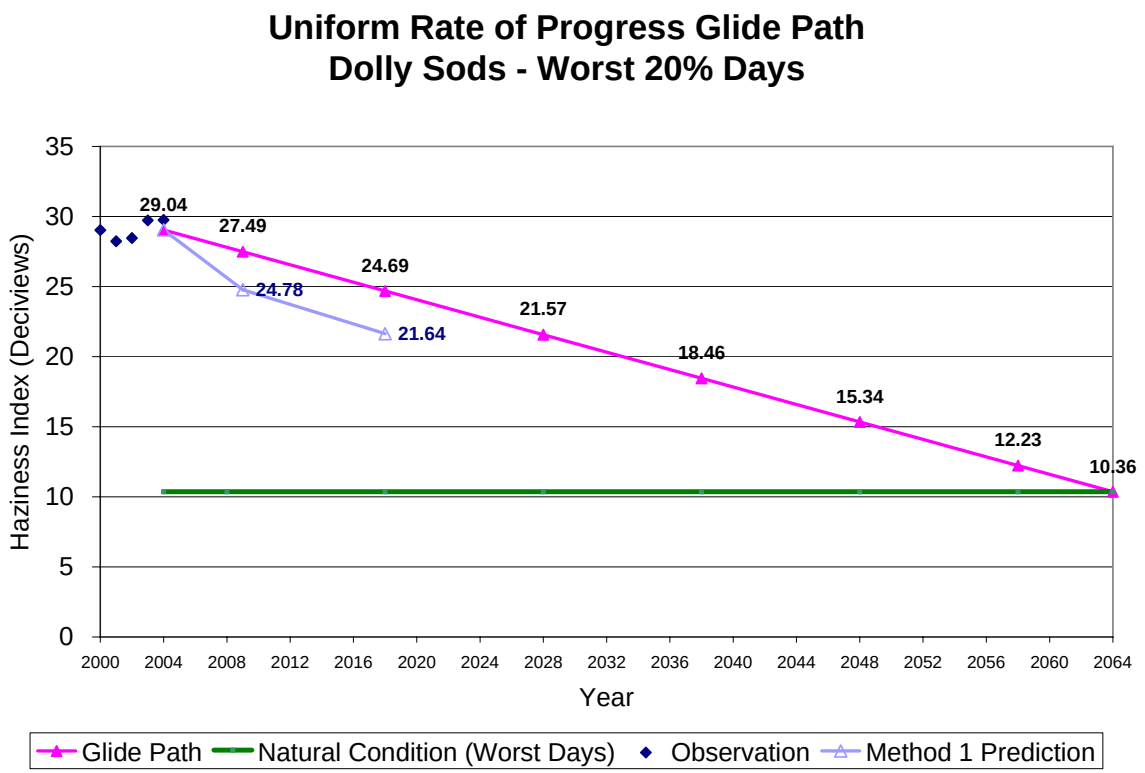

Figure E-15a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Dolly Sods (DOSO), West Virginia and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

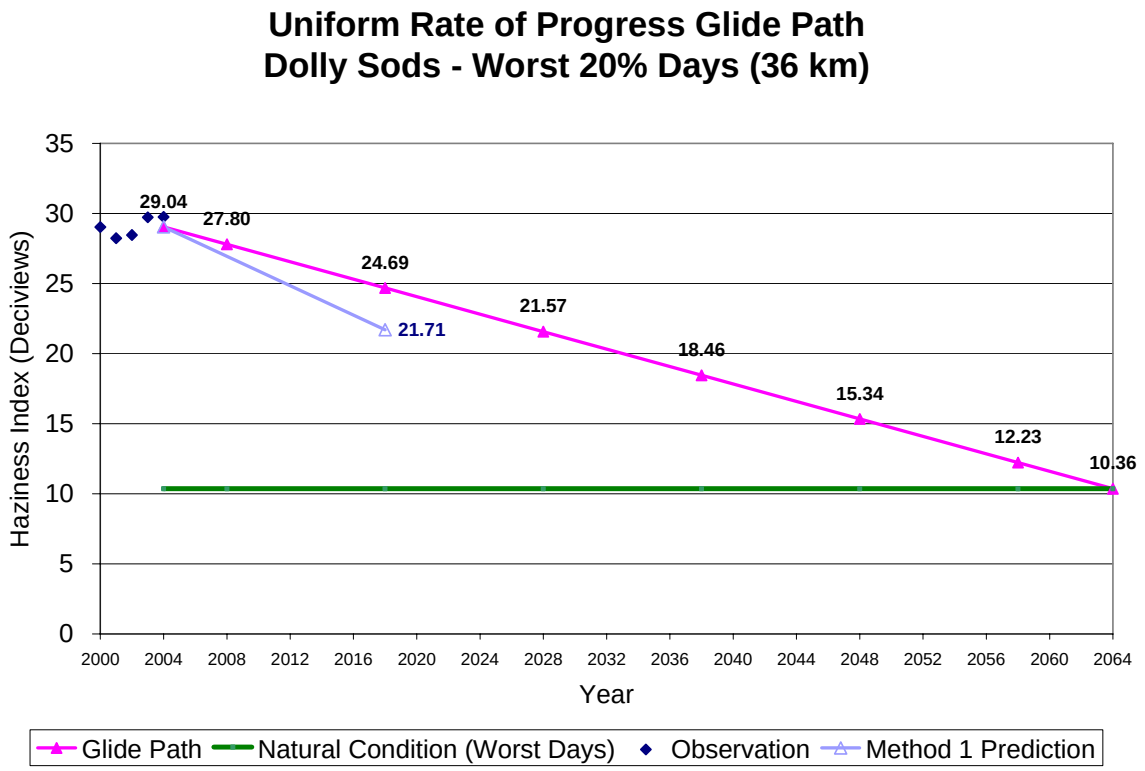

Figure E-15b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Dolly Sods (DOSO), West Virginia and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

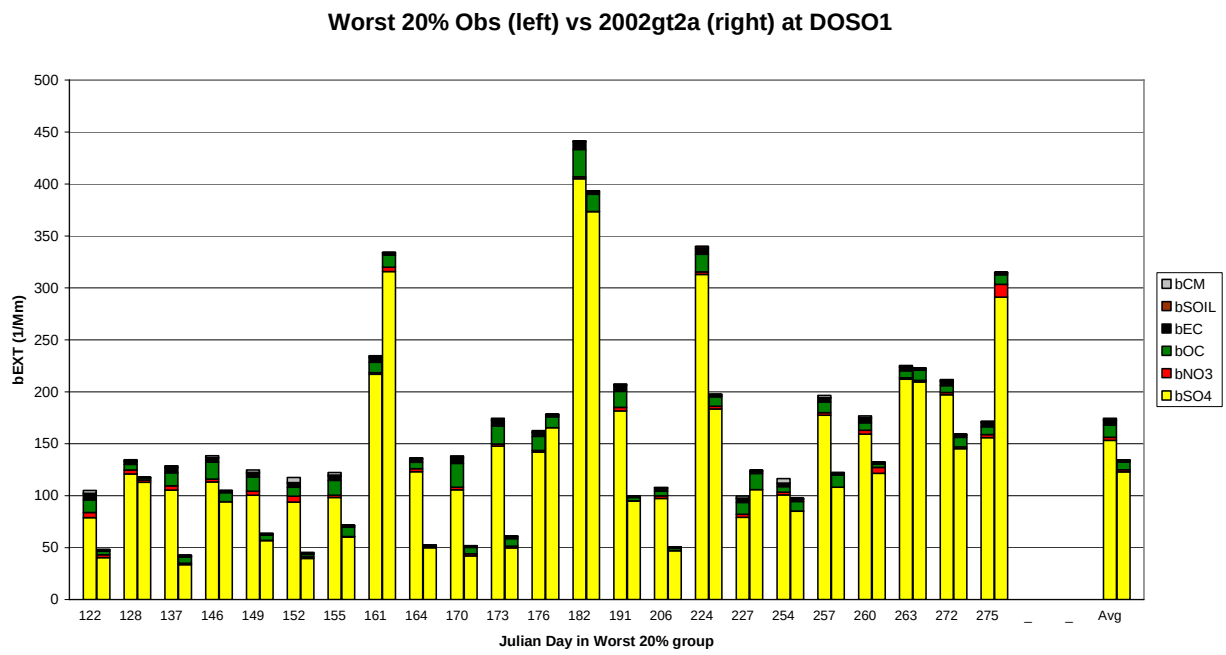

Figure E-15c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Dolly Sods (DOSO), West Virginia and Worst 20% (W20%) days in 2002.

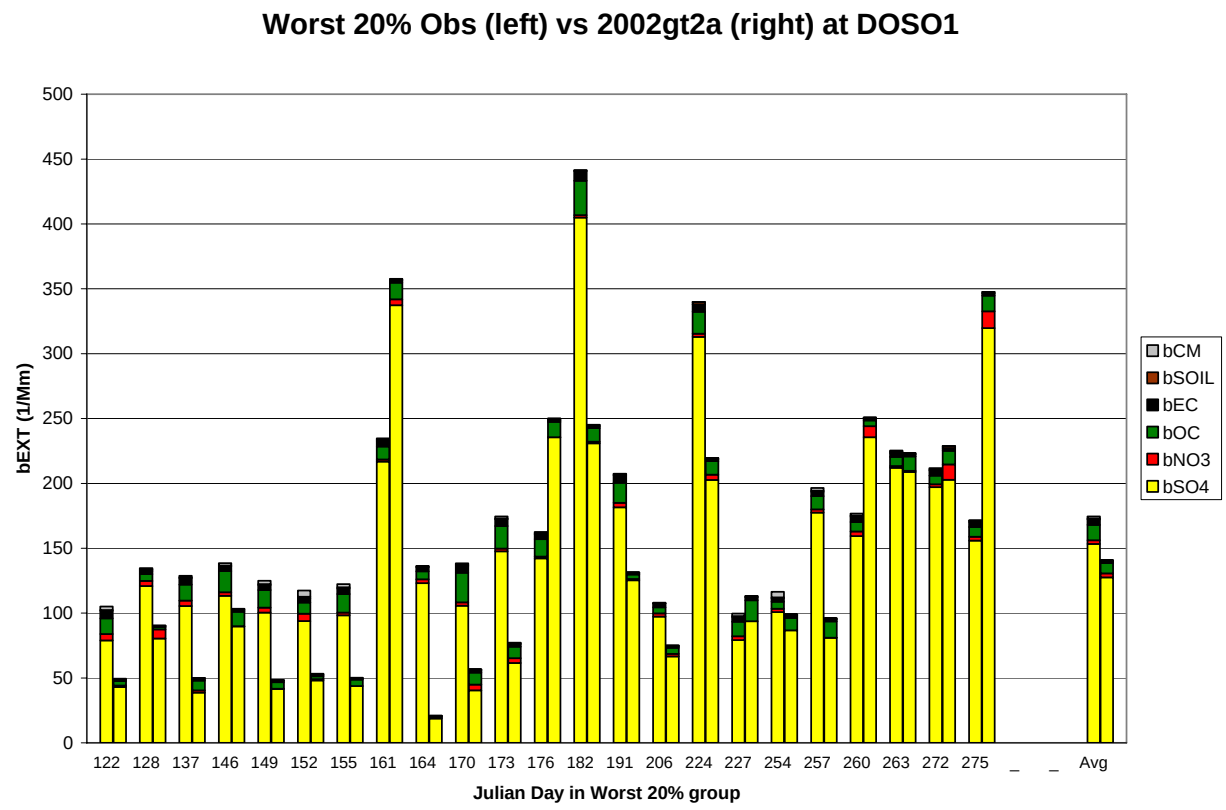

Figure E-15d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Dolly Sods (DOSO), West Virginia and Worst 20% (W20%) days in 2002.

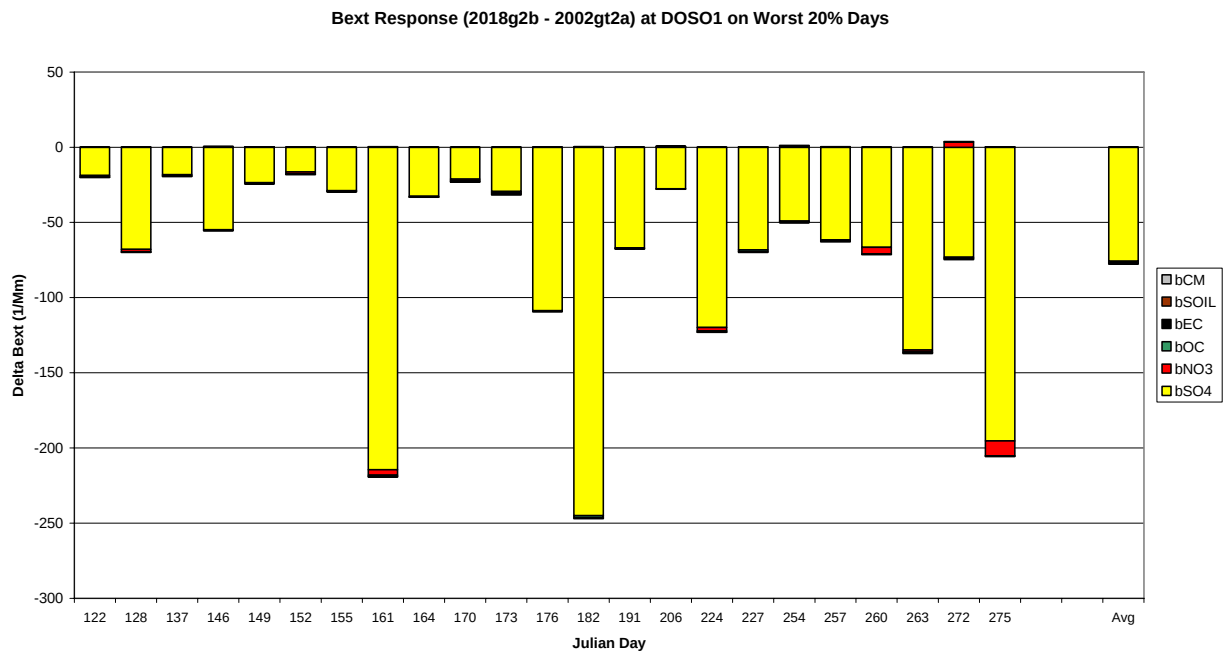

Figure E-15e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Dolly Sods (DOSO), West Virginia and Worst 20% (W20%) days in 2002.

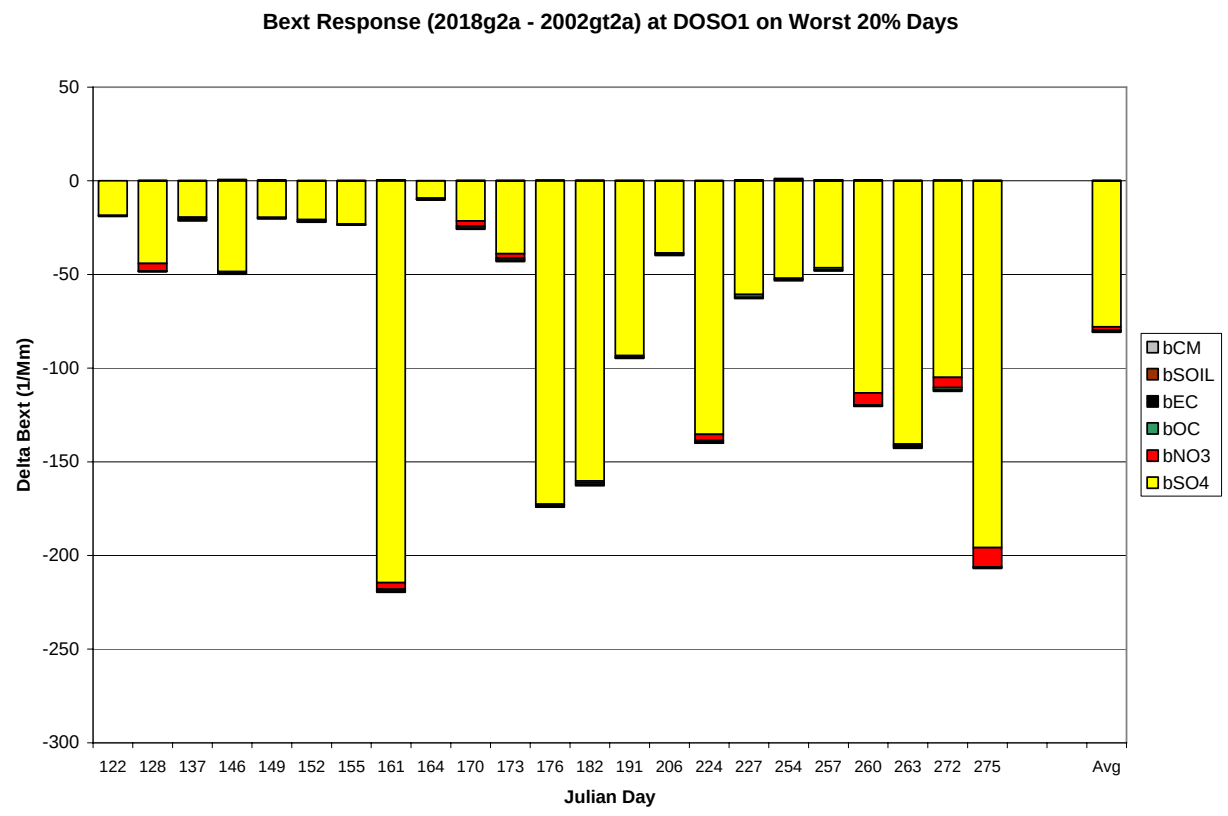

Figure E-15f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Dolly Sods (DOSO), West Virginia and Worst 20% (W20%) days in 2002.

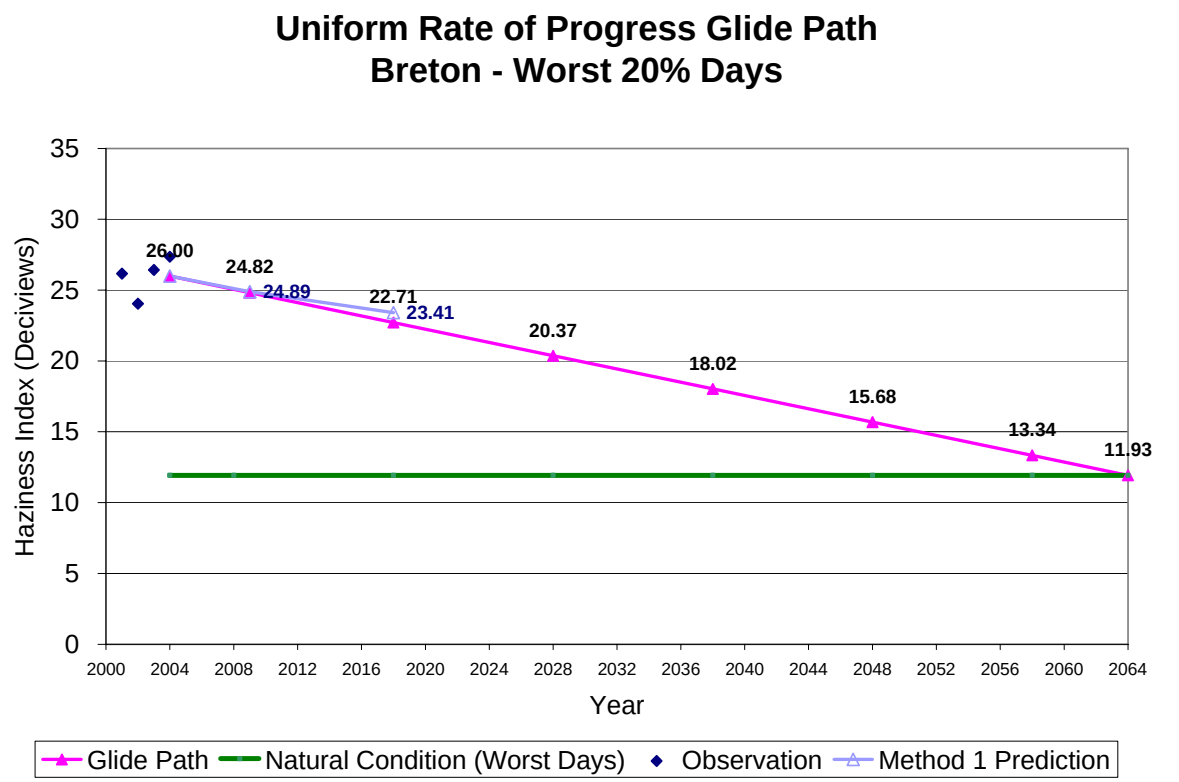

Figure E-16a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Breton Island (BRET), Louisiana and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

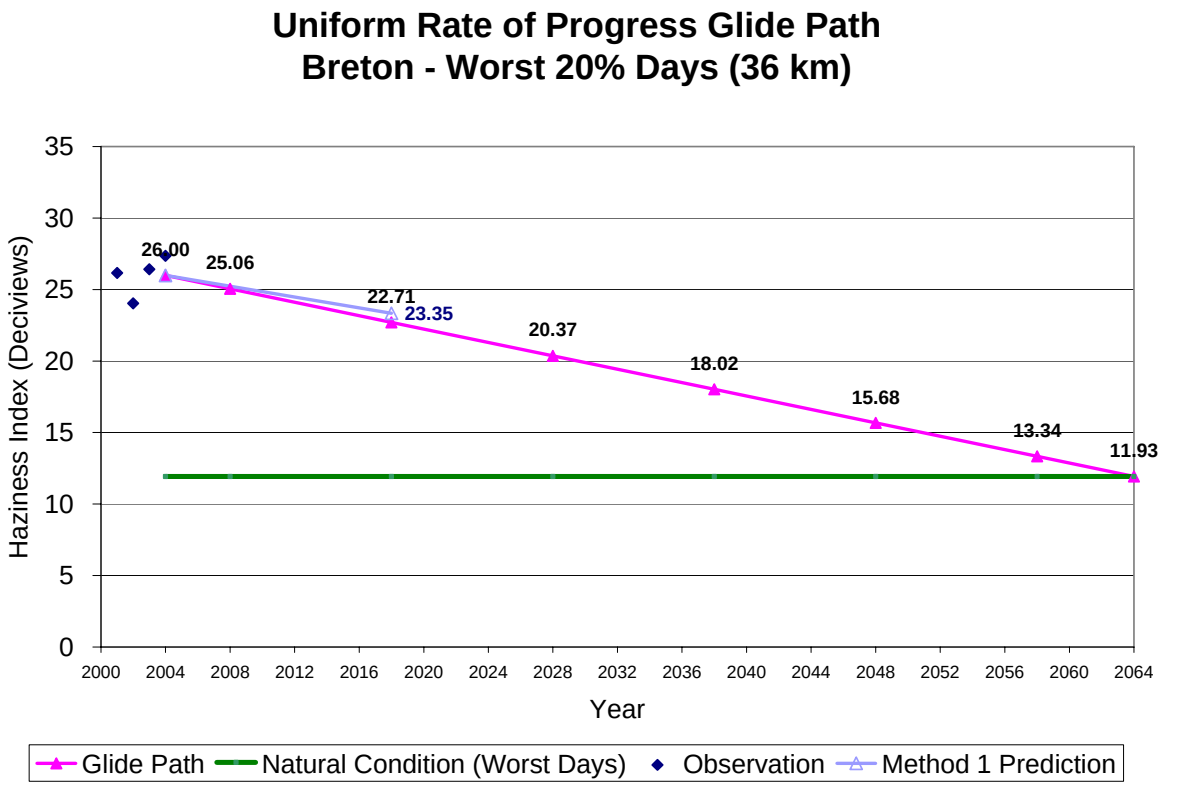

Figure E-16b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Breton Island (BRET), Louisiana and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

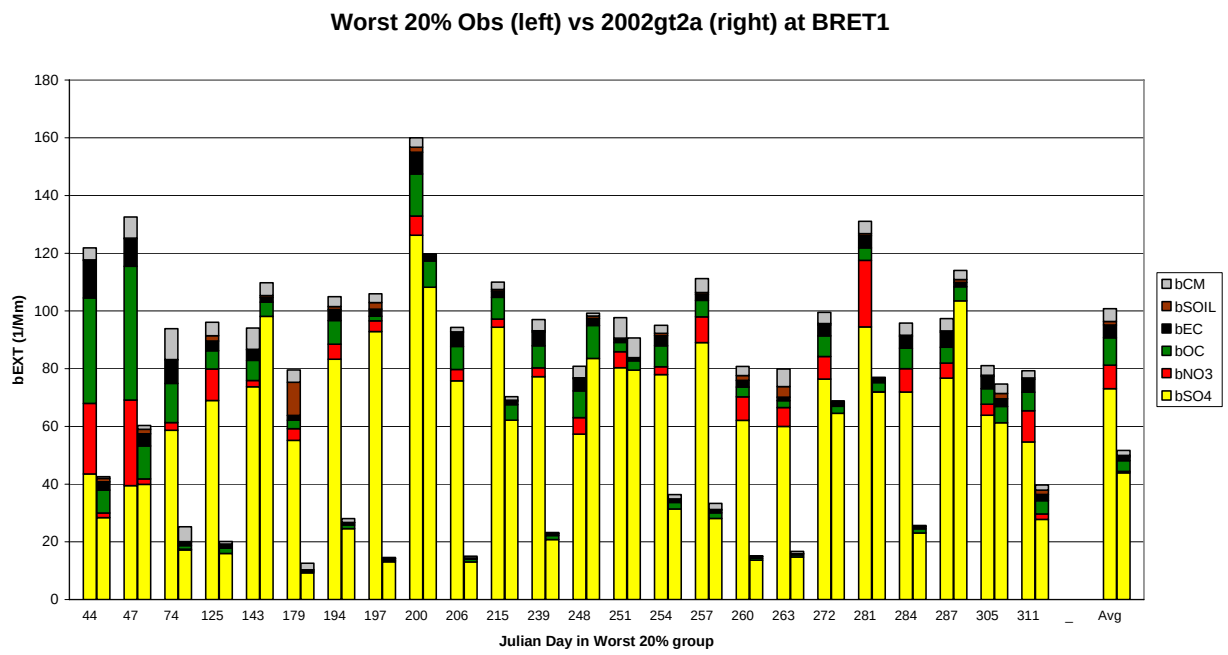

Figure E-16c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Breton Island (BRET), Louisiana and Worst 20% (W20%) days in 2002.

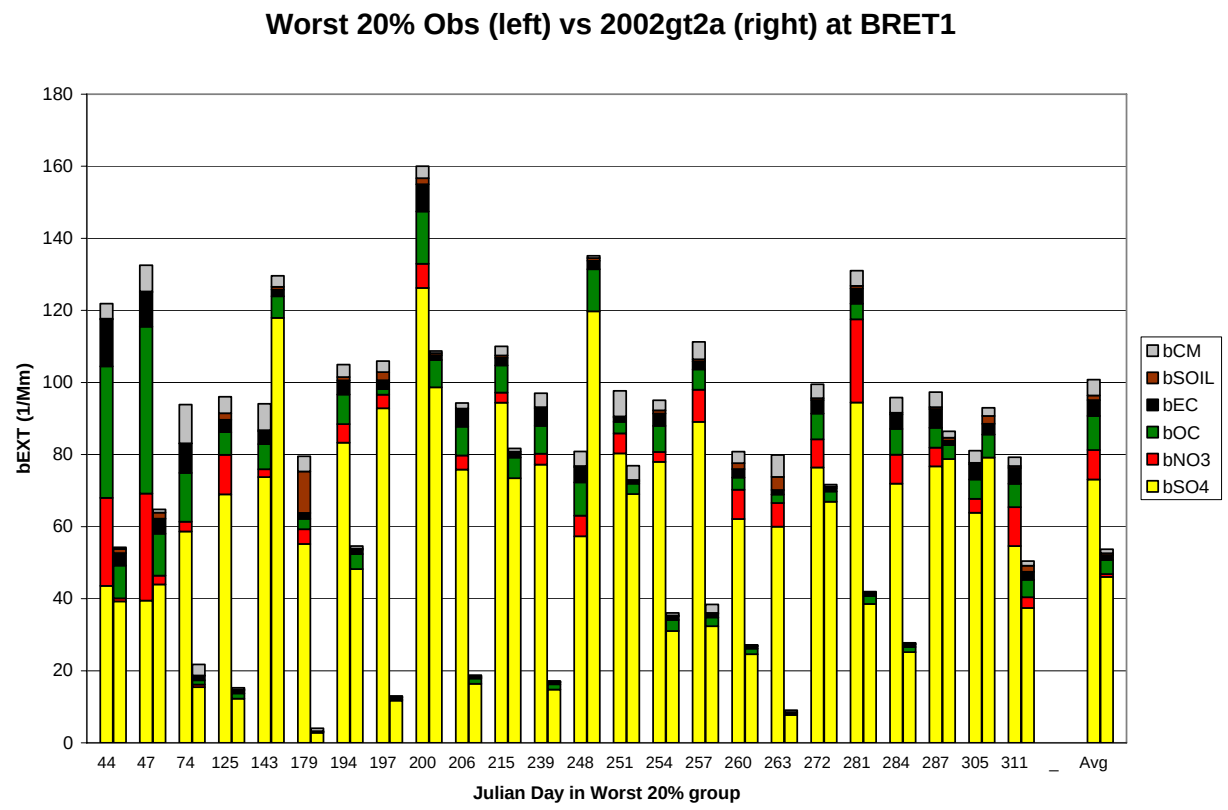

Figure E-16d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Breton Island (BRET), Louisiana and Worst 20% (W20%) days in 2002.

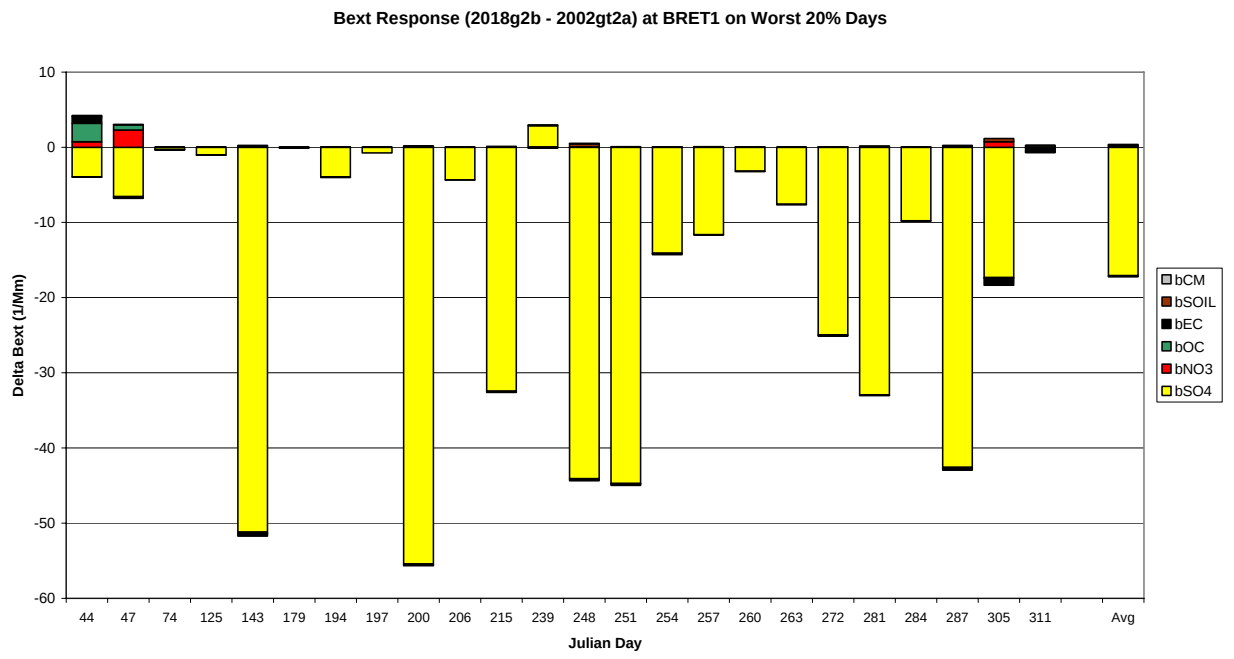

Figure E-16e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Breton Island (BRET), Louisiana and Worst 20% (W20%) days in 2002.

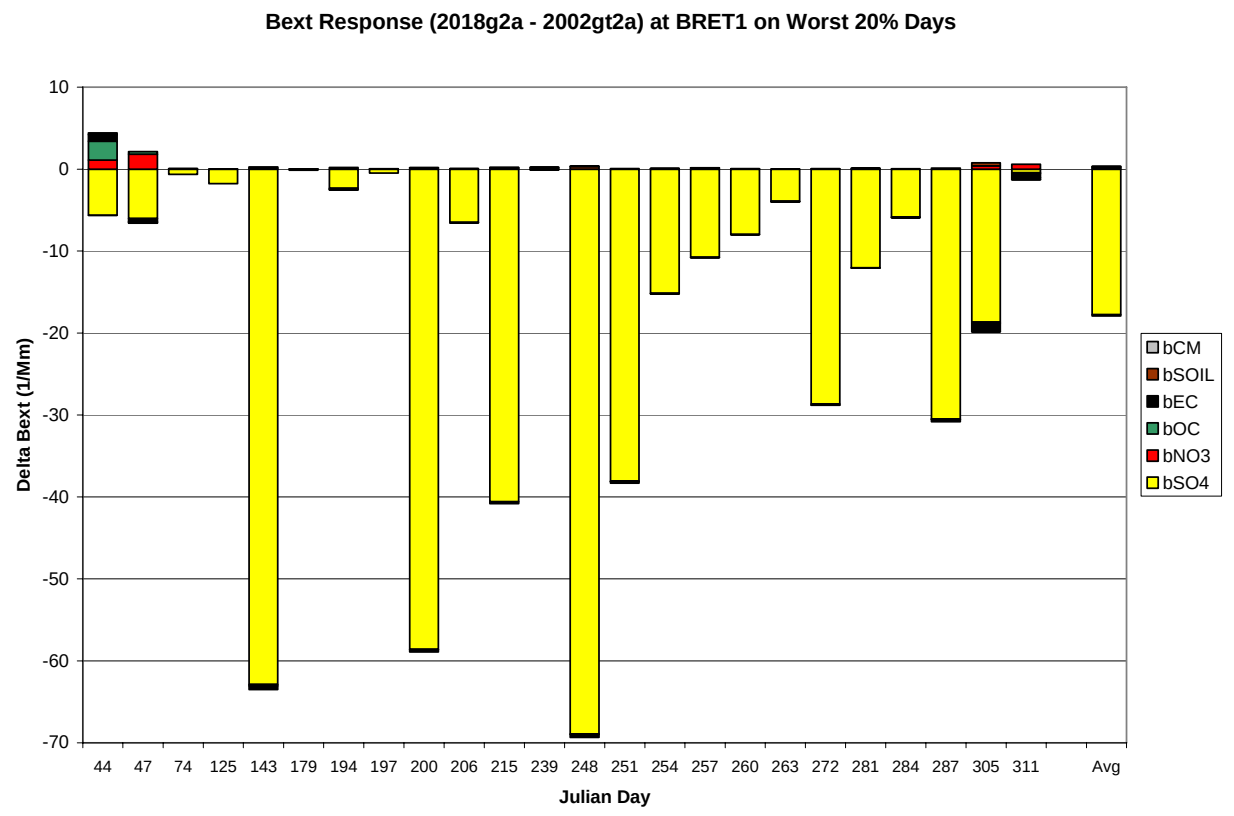

Figure E-16f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Breton Island (BRET), Louisiana and Worst 20% (W20%) days in 2002.

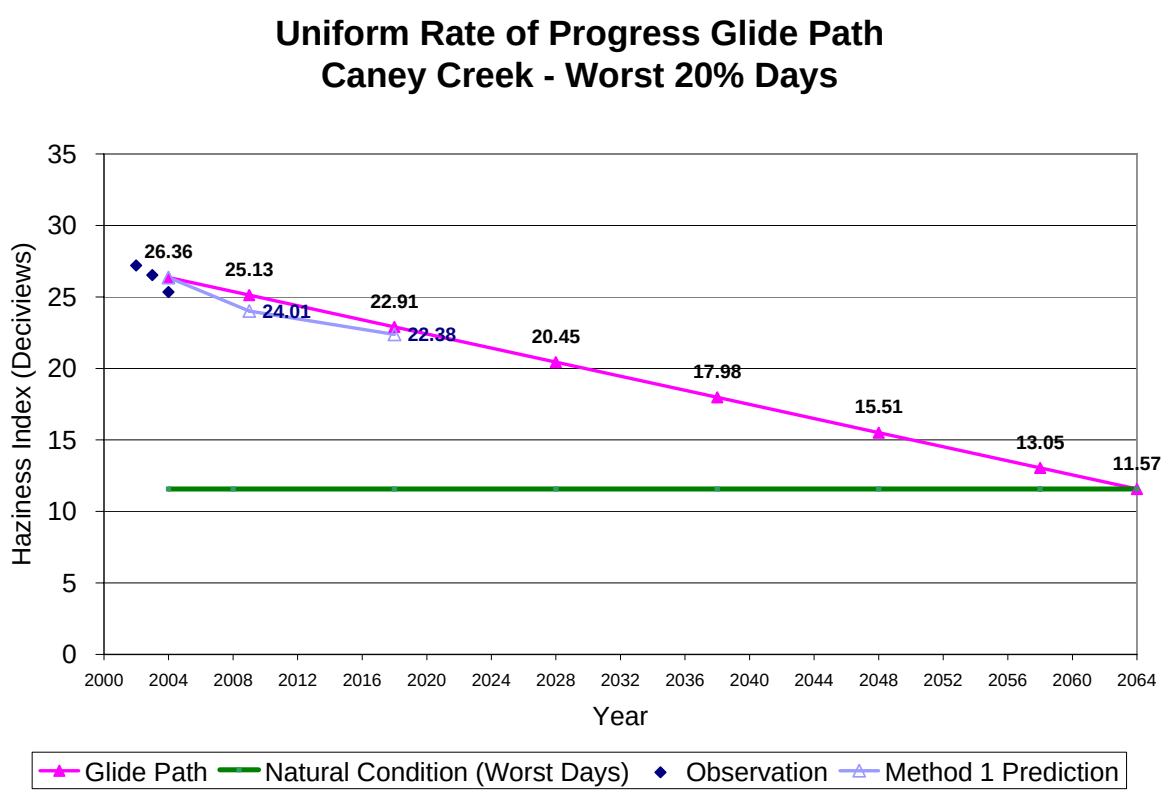

Figure E-17a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Caney Creek (CACR), Arkansas and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

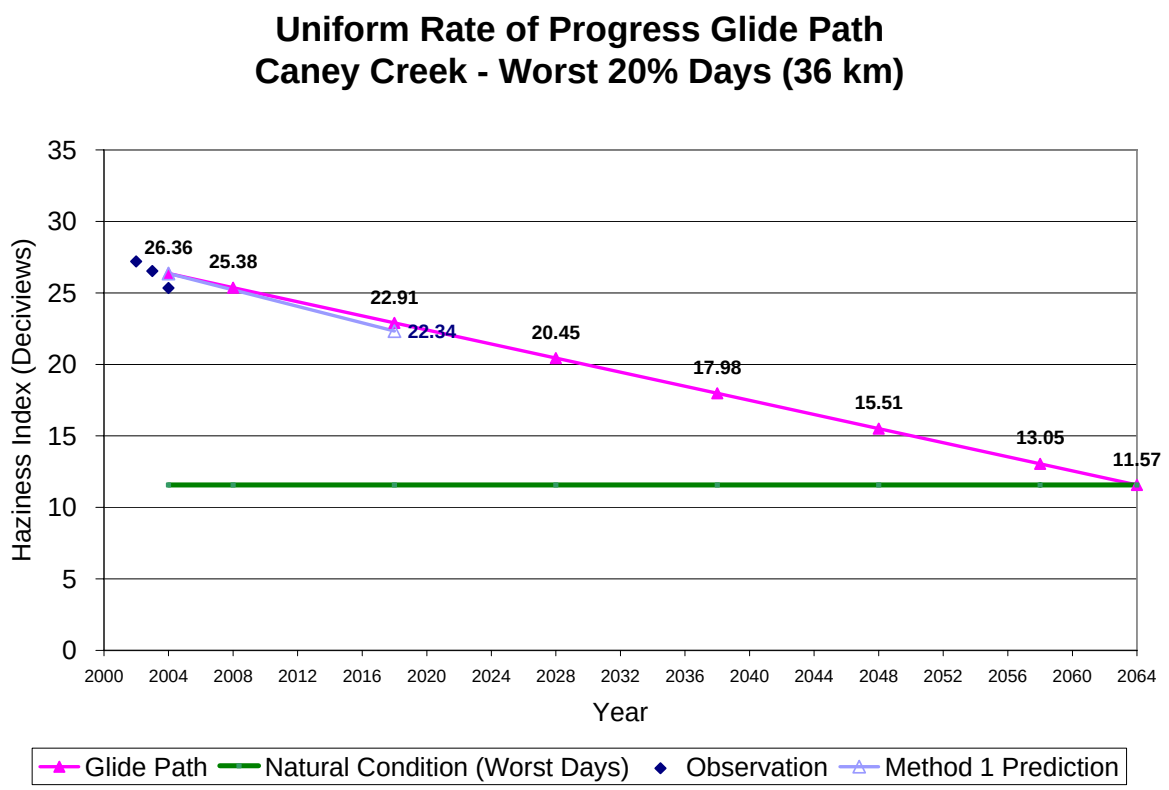

Figure E-17b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Caney Creek (CACR), Arkansas and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

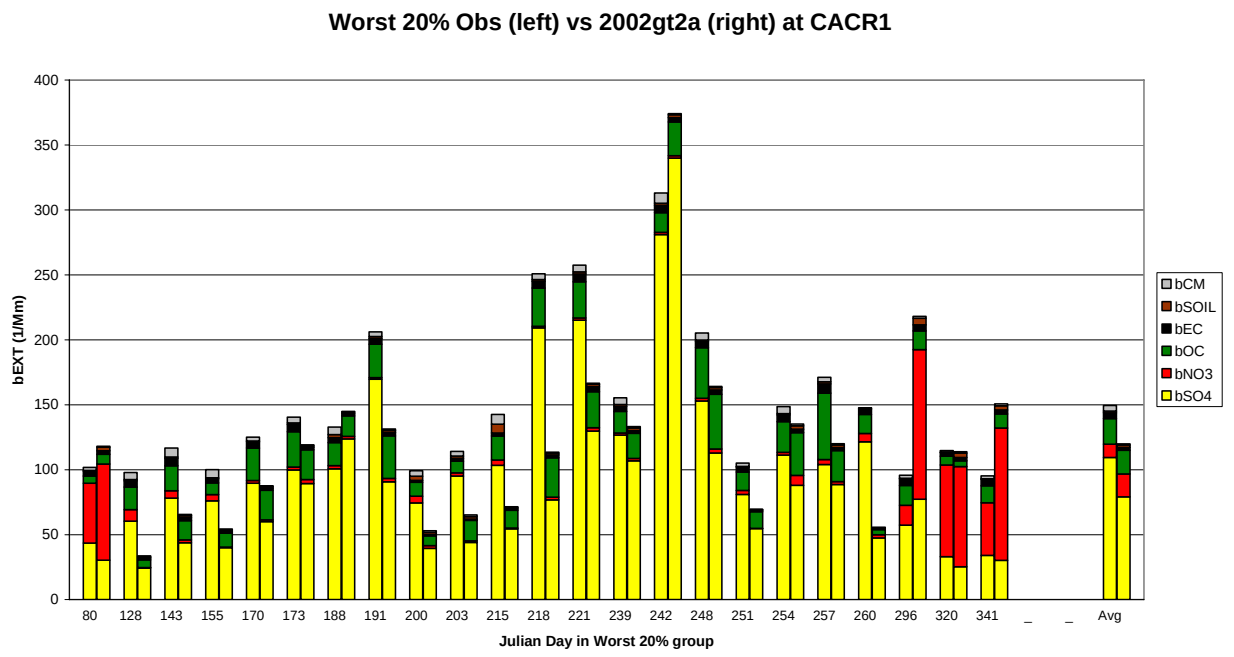

Figure E-17c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Caney Creek (CACR), Arkansas and Worst 20% (W20%) days in 2002.

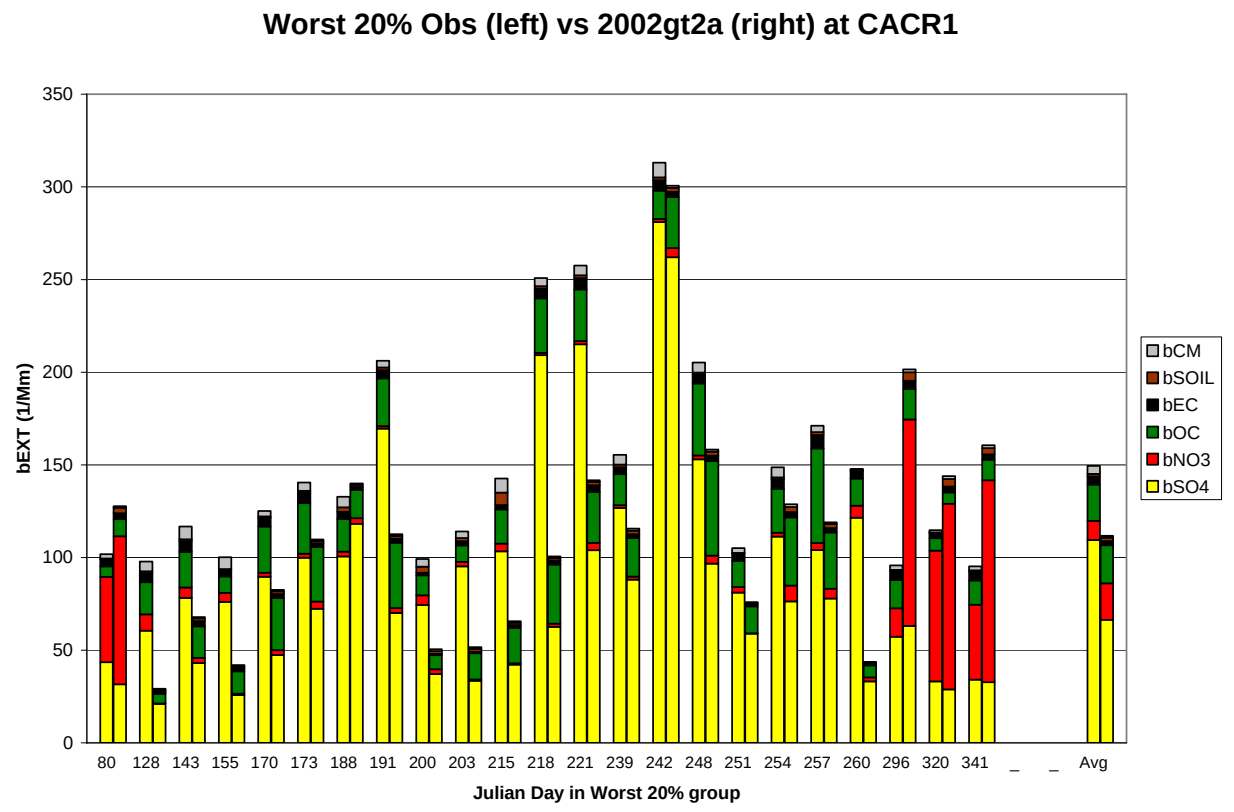

Figure E-17d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Caney Creek (CACR), Arkansas and Worst 20% (W20%) days in 2002.

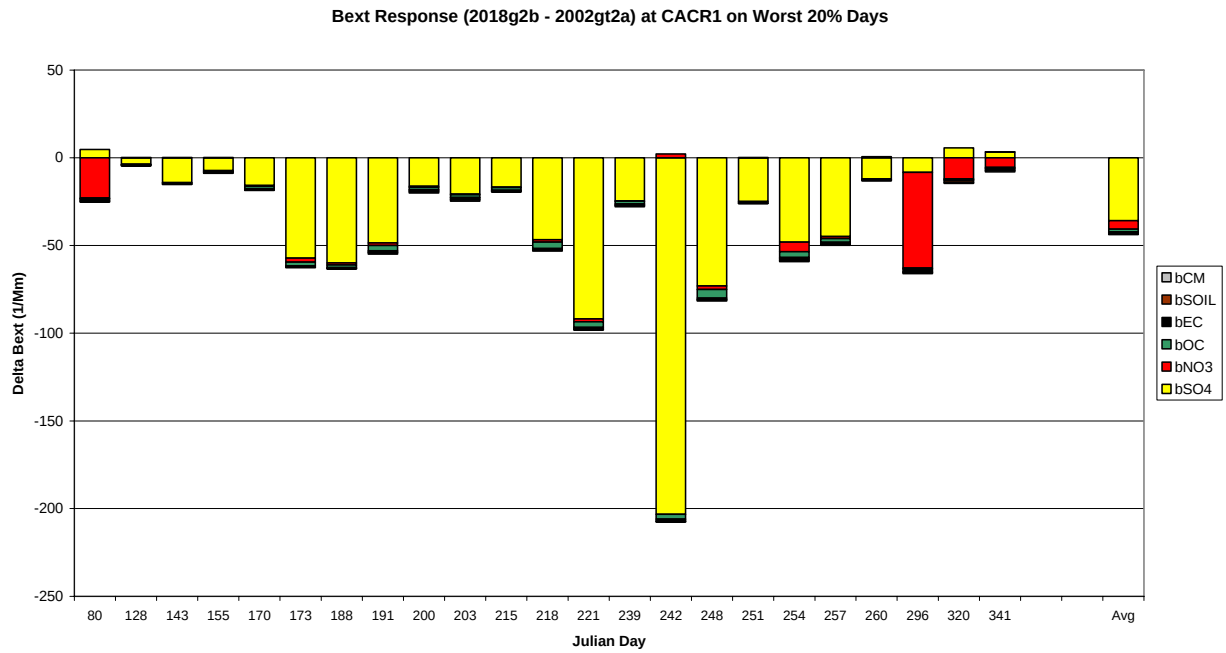

Figure E-17e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Caney Creek (CACR), Arkansas and Worst 20% (W20%) days in 2002.

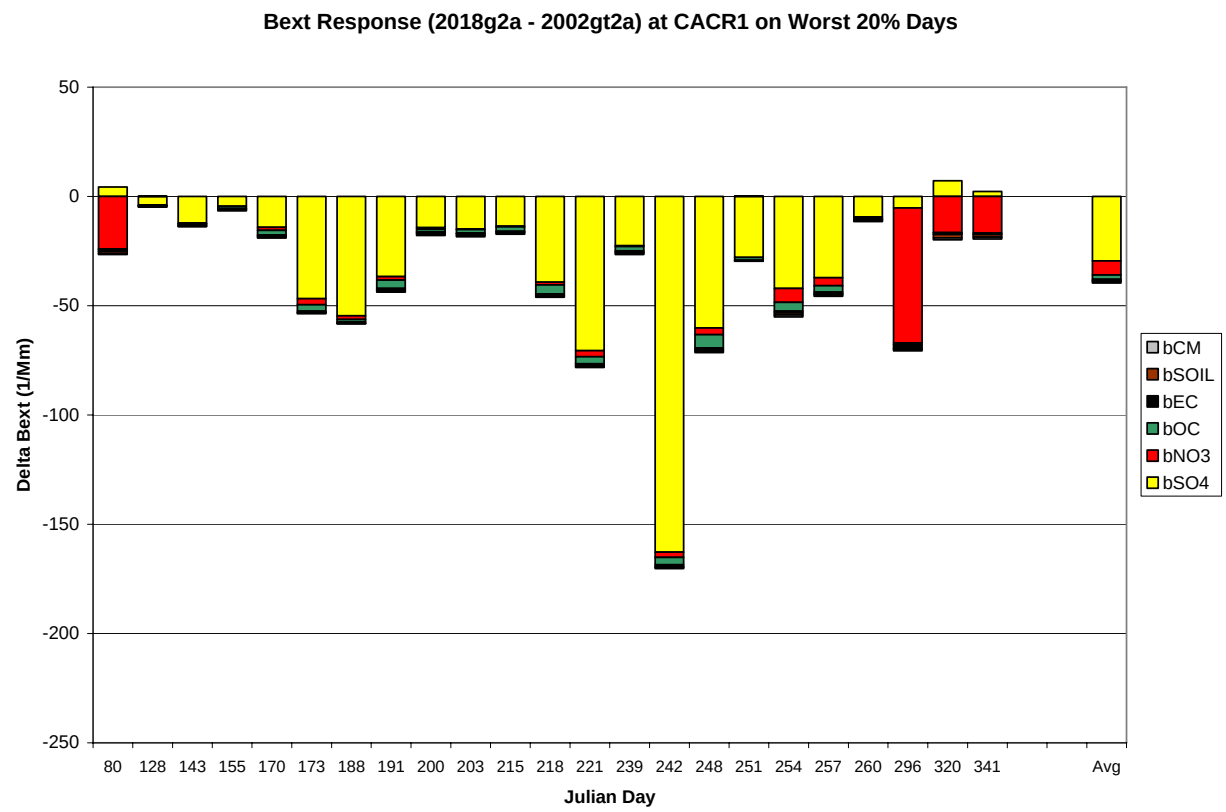

Figure E-17f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Caney Creek (CACR), Arkansas and Worst 20% (W20%) days in 2002.

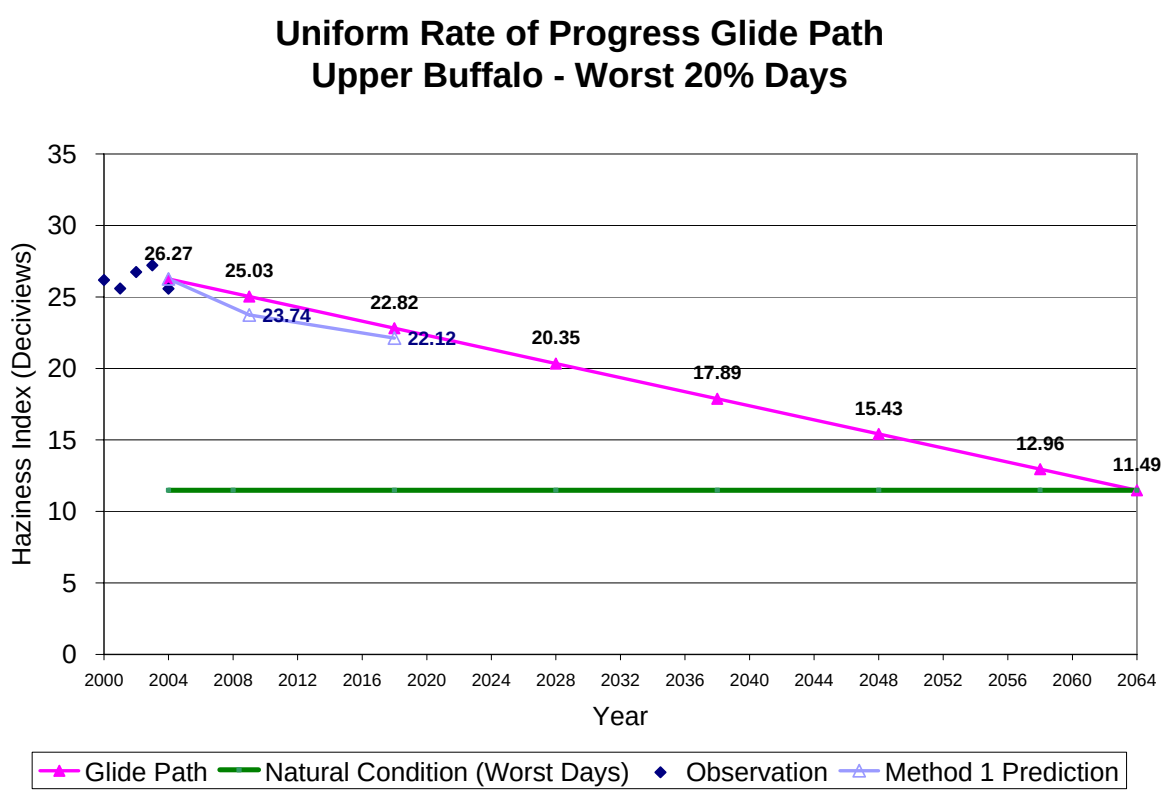

Figure E-18a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Upper Buffalo (UPBU), Arkansas and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

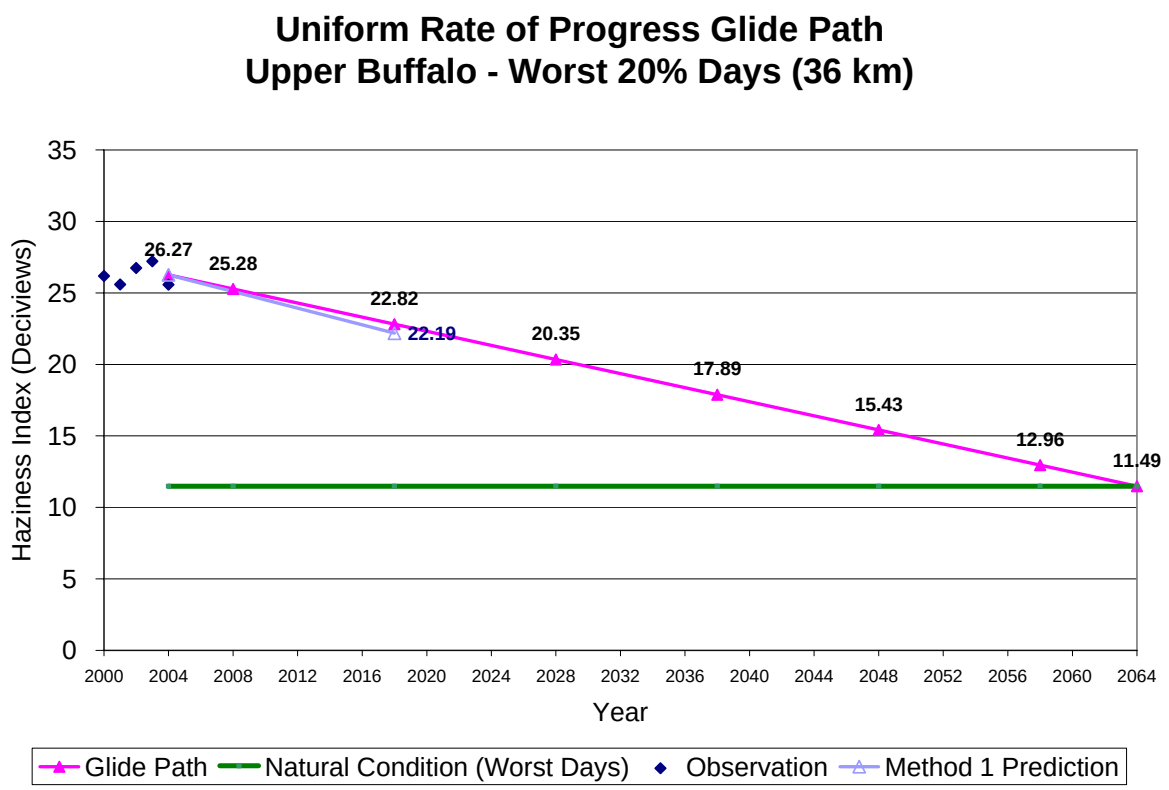

Figure E-18b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Upper Buffalo (UPBU), Arkansas and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

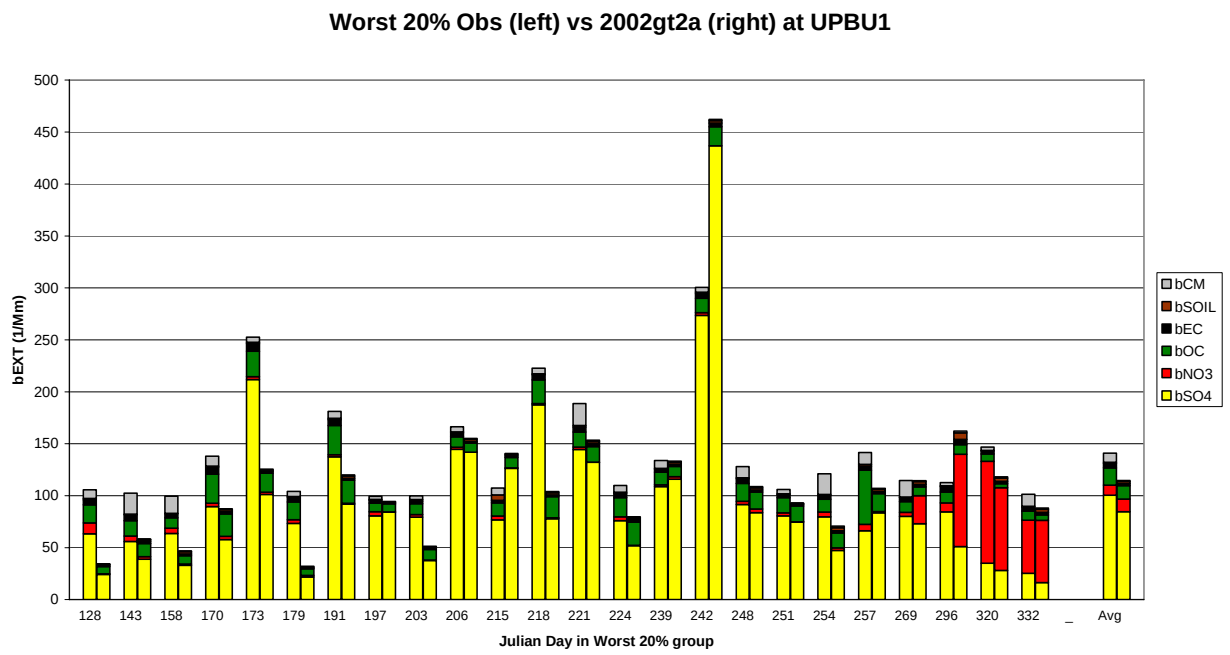

Figure E-18c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Upper Buffalo (UPBU), Arkansas and Worst 20% (W20%) days in 2002.

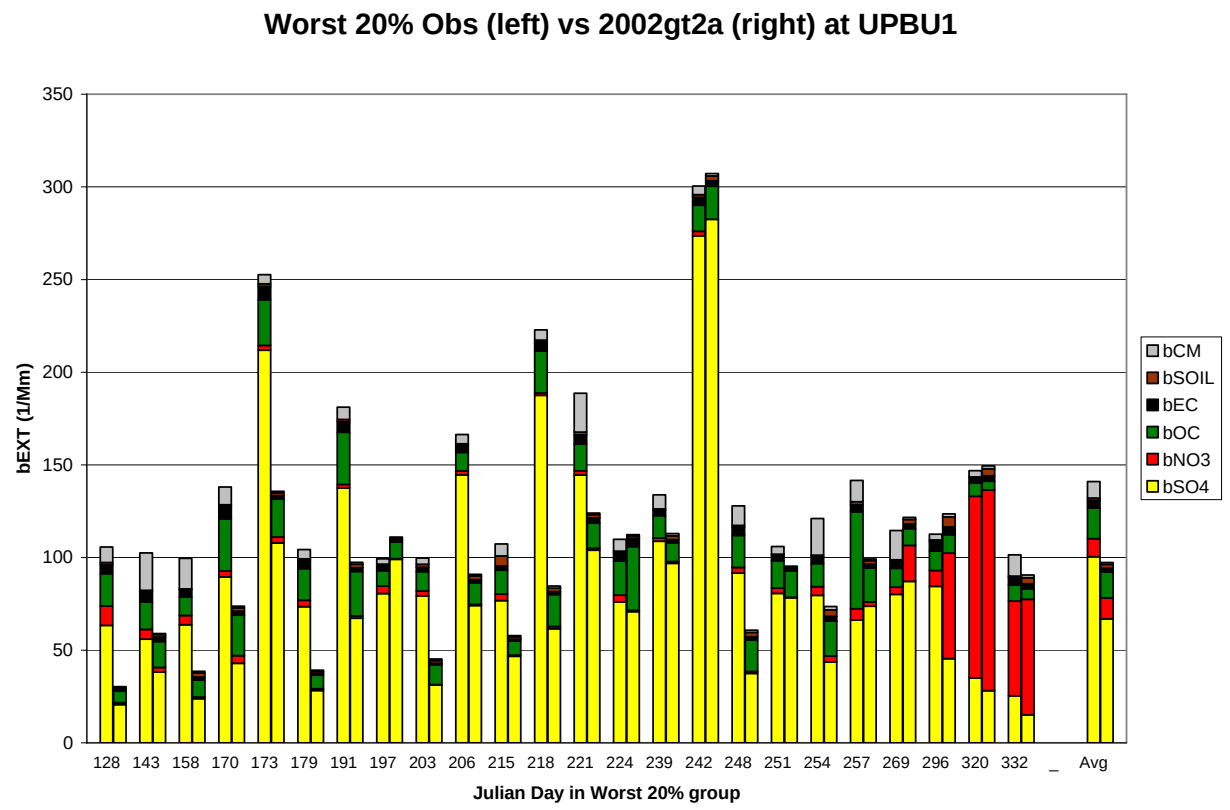

Figure E-18d. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Upper Buffalo (UPBU), Arkansas and Worst 20% (W20%) days in 2002

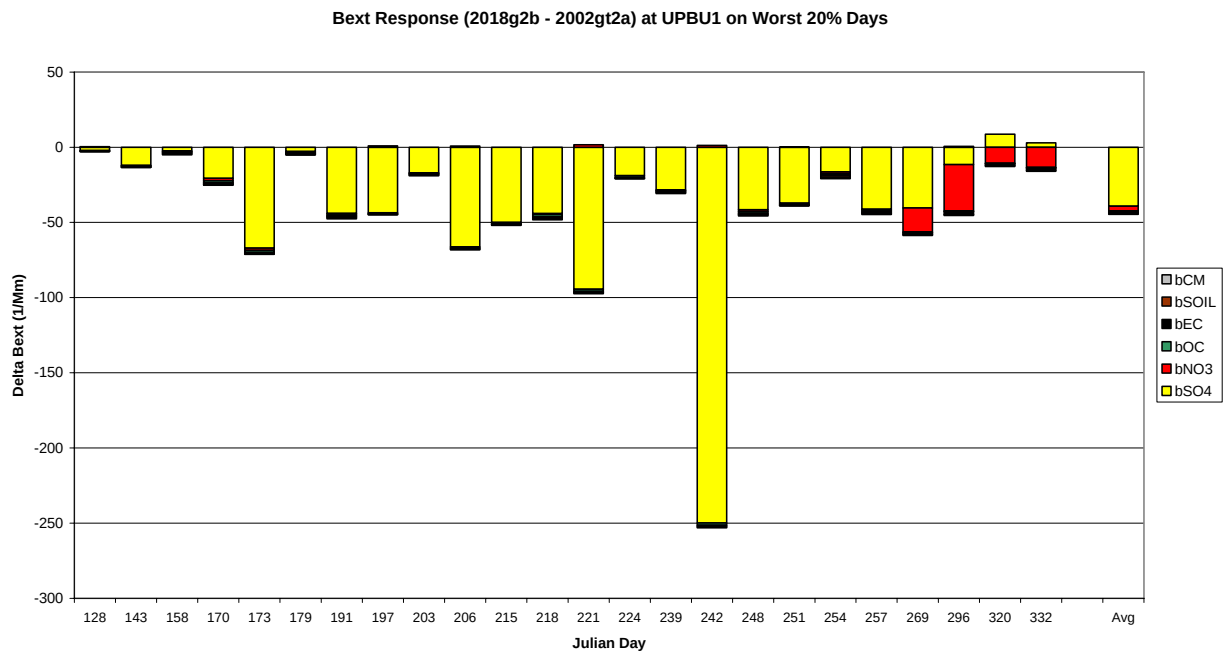

Figure E-18e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Upper Buffalo (UPBU), Arkansas and Worst 20% (W20%) days in 2002.

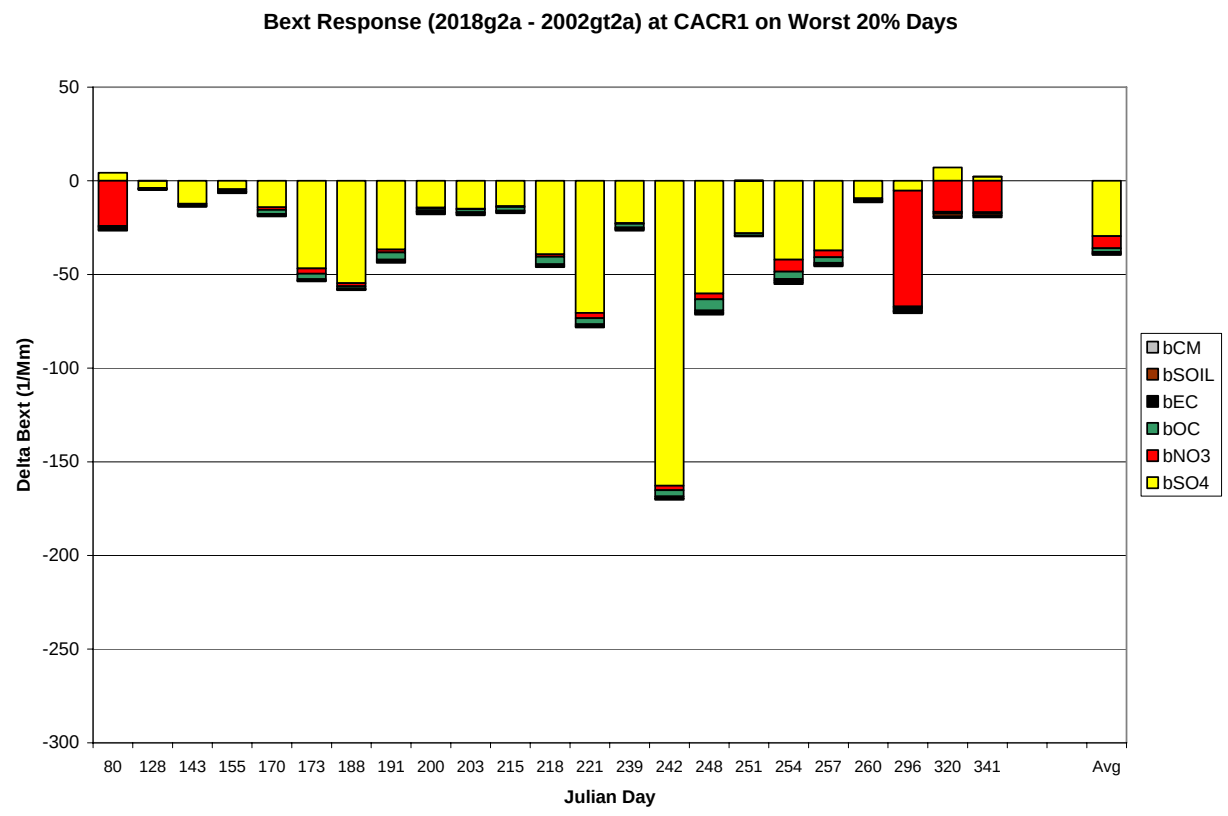

Figure E-18f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Upper Buffalo (UPBU), Arkansas and Worst 20% (W20%) days in 2002.

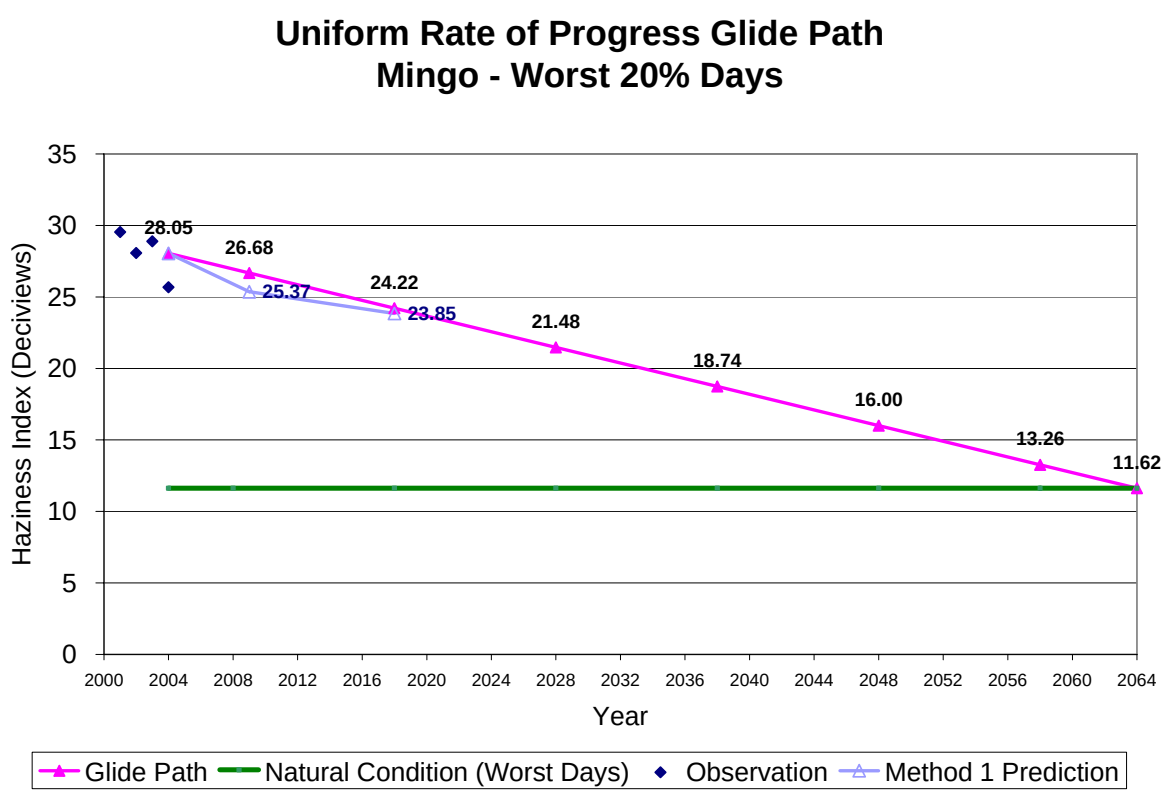

Figure E-19a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Mingo (MING), Missouri and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

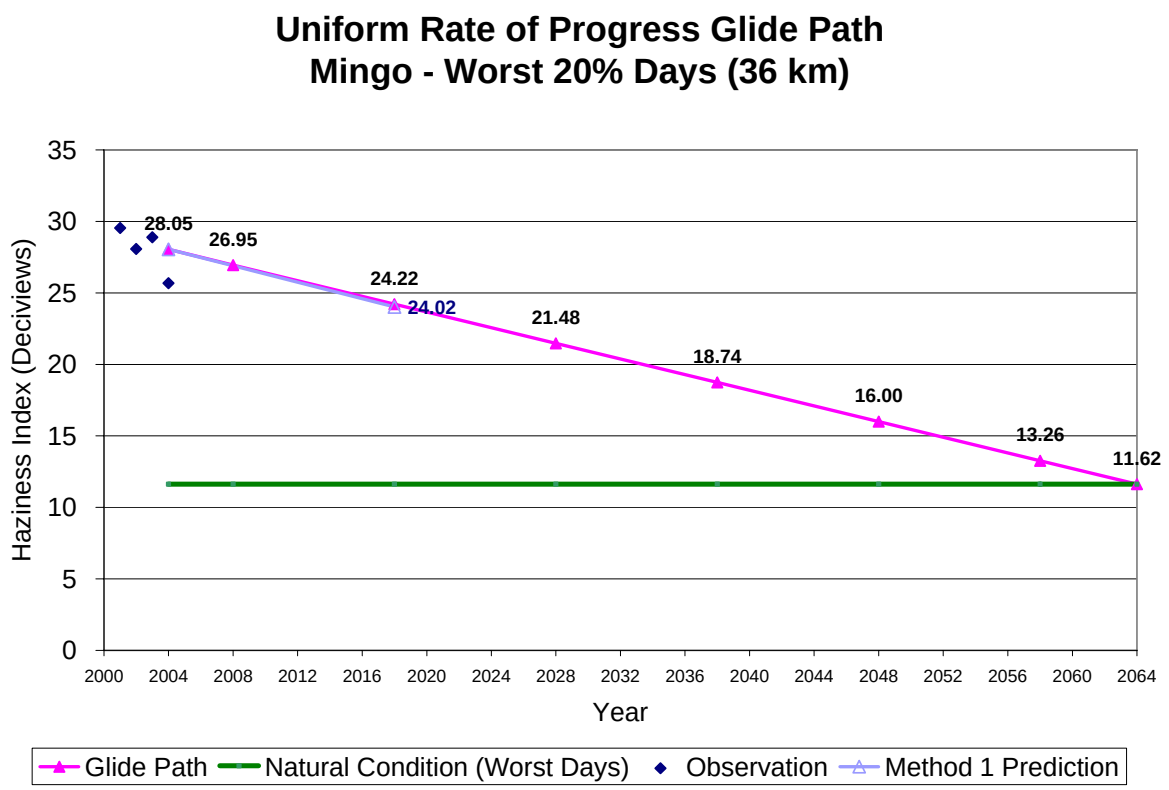

Figure E-19b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Mingo (MING), Missouri and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results..

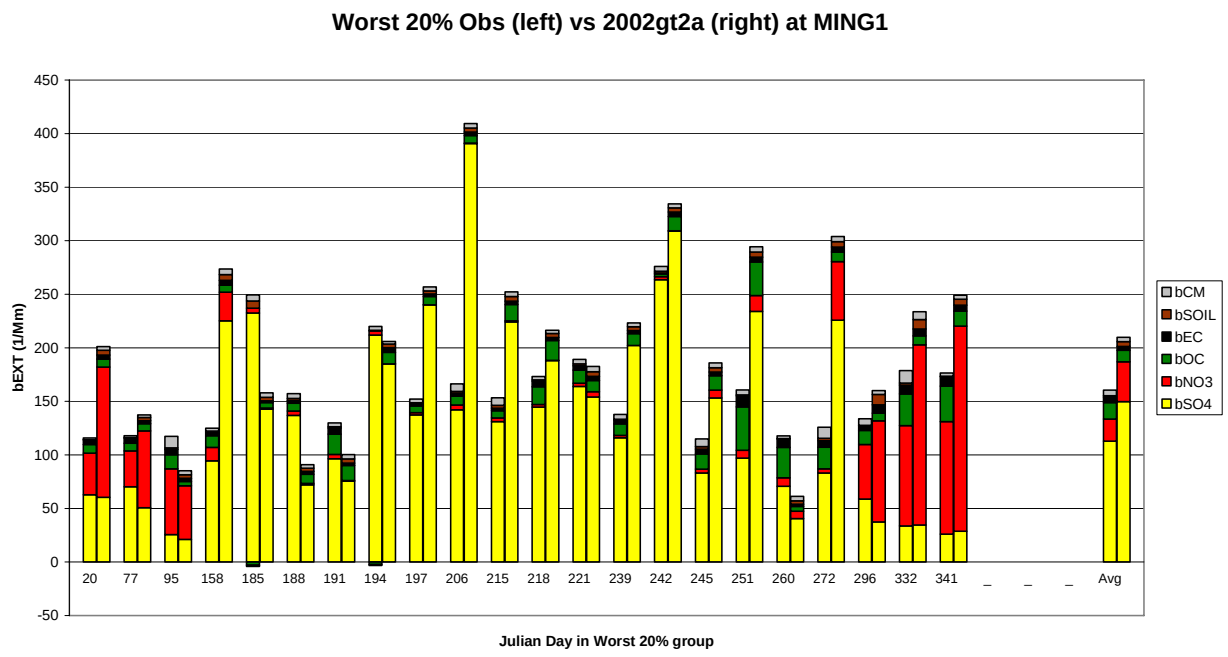

Figure E-19c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Mingo (MING), Missouri and Worst 20% (W20%) days in 2002.

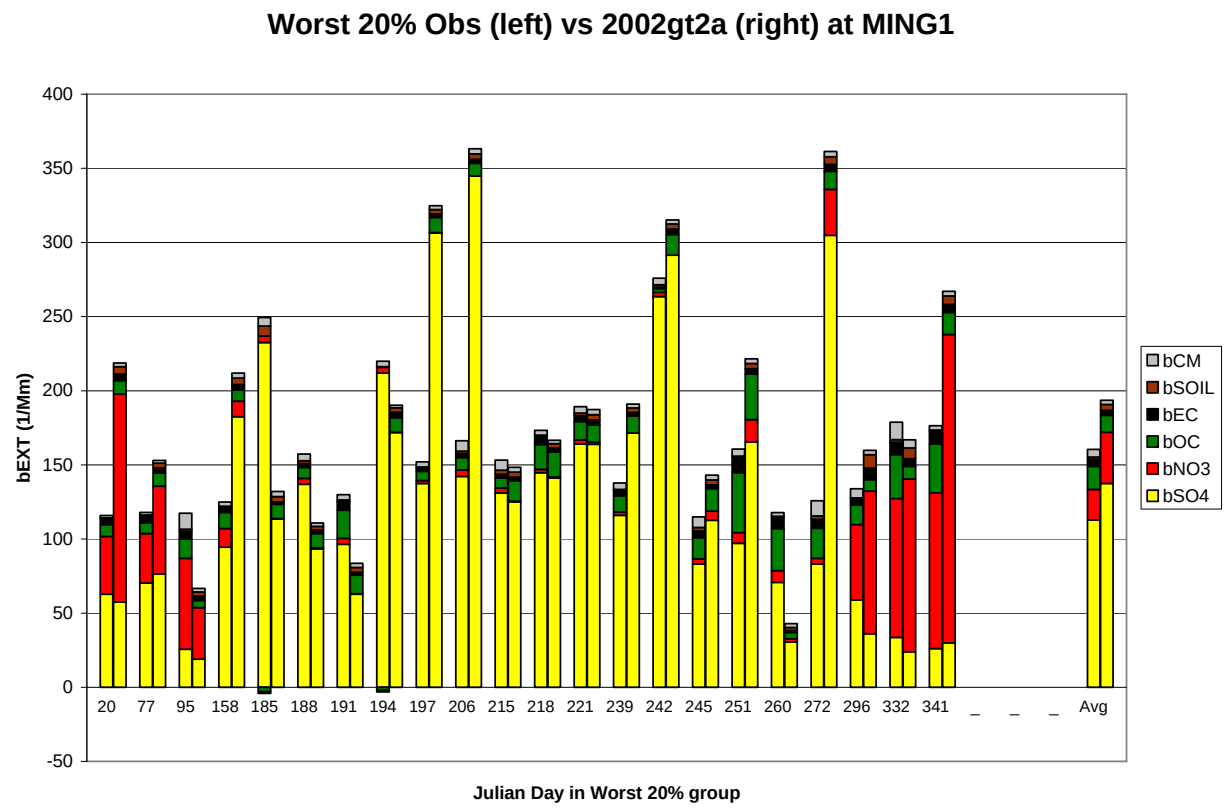

Figure E-19d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Mingo (MING), Missouri and Worst 20% (W20%) days in 2002.

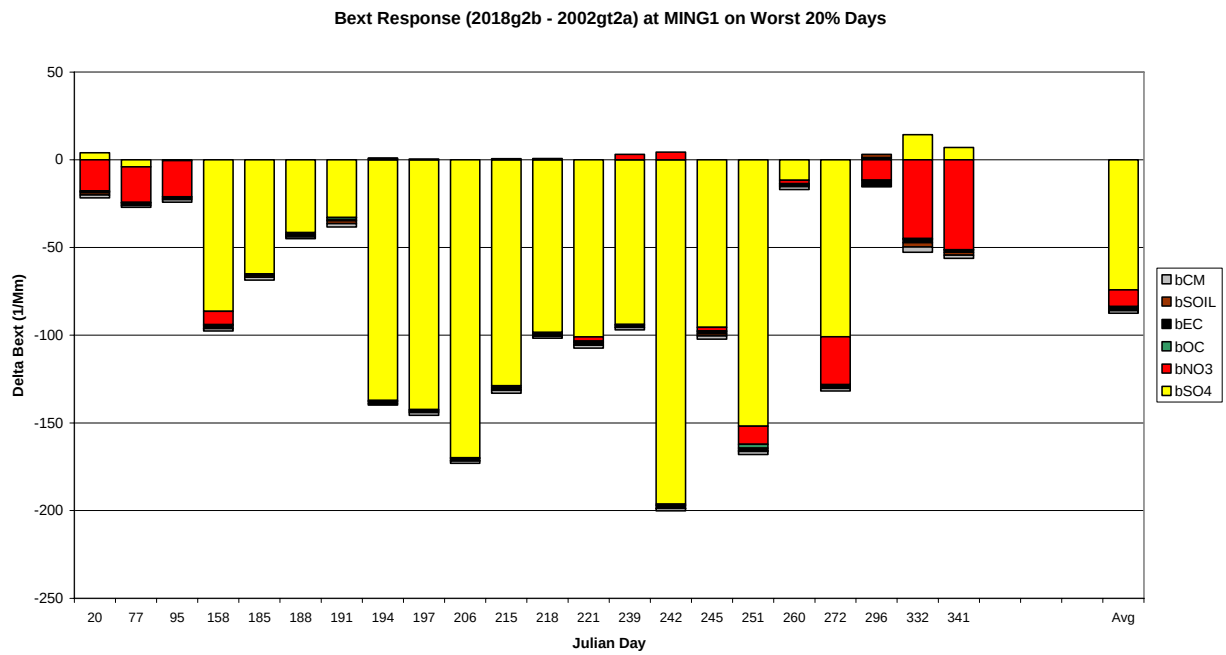

Figure E-19e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Mingo (MING), Missouri and Worst 20% (W20%) days in 2002.

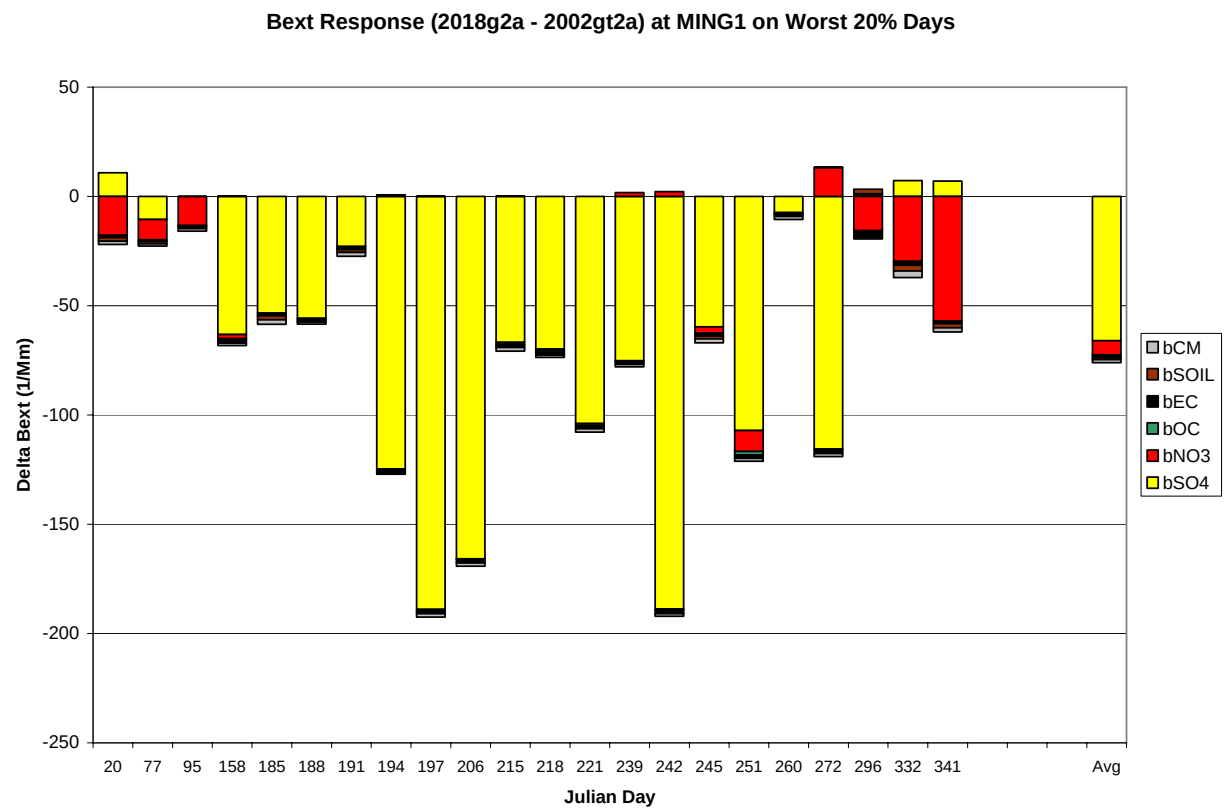

Figure E-19f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Mingo (MING), Missouri and Worst 20% (W20%) days in 2002.

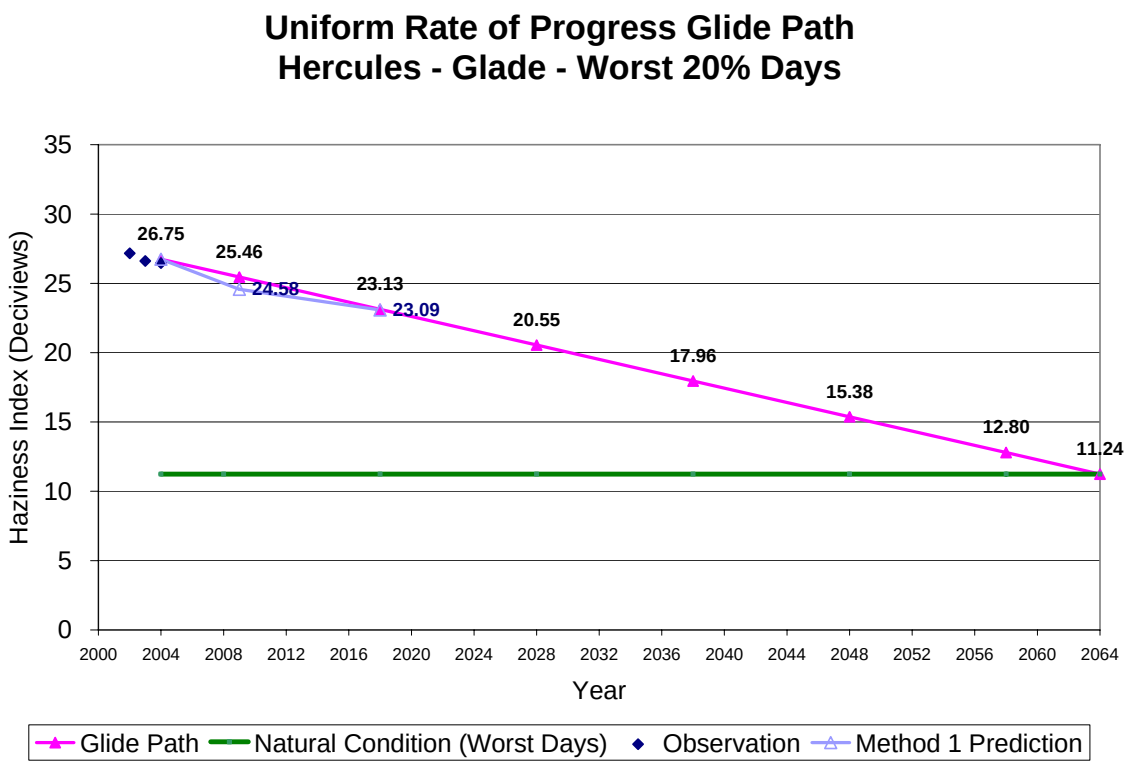

Figure E-20a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Hercules Glade (HEGL), Missouri and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

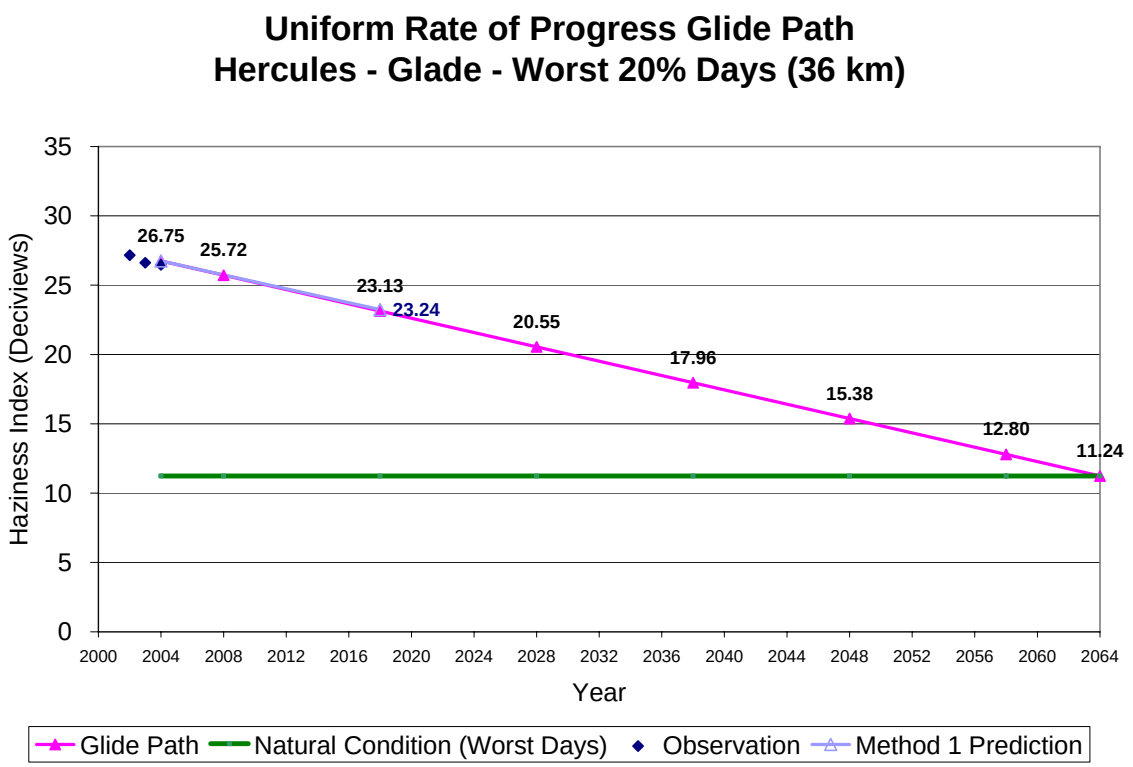

Figure E-20b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Hercules Glade (HEGL), Missouri and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

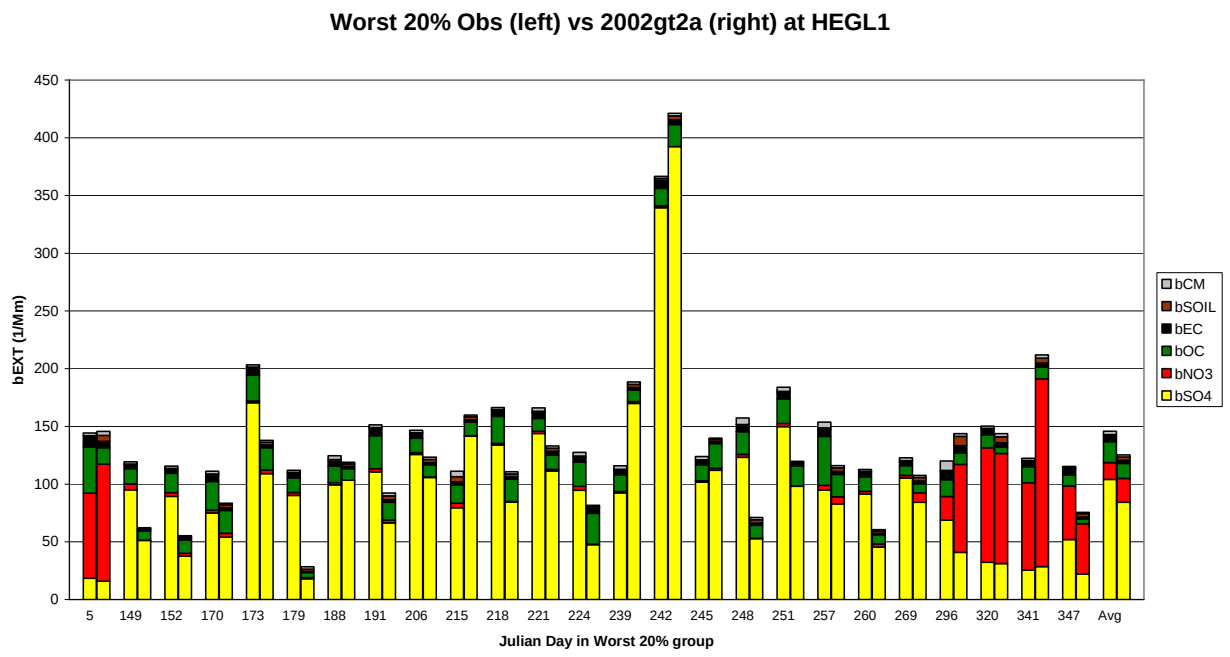

Figure E-20c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Hercules Glade (HEGL), Missouri and Worst 20% (W20%) days in 2002.

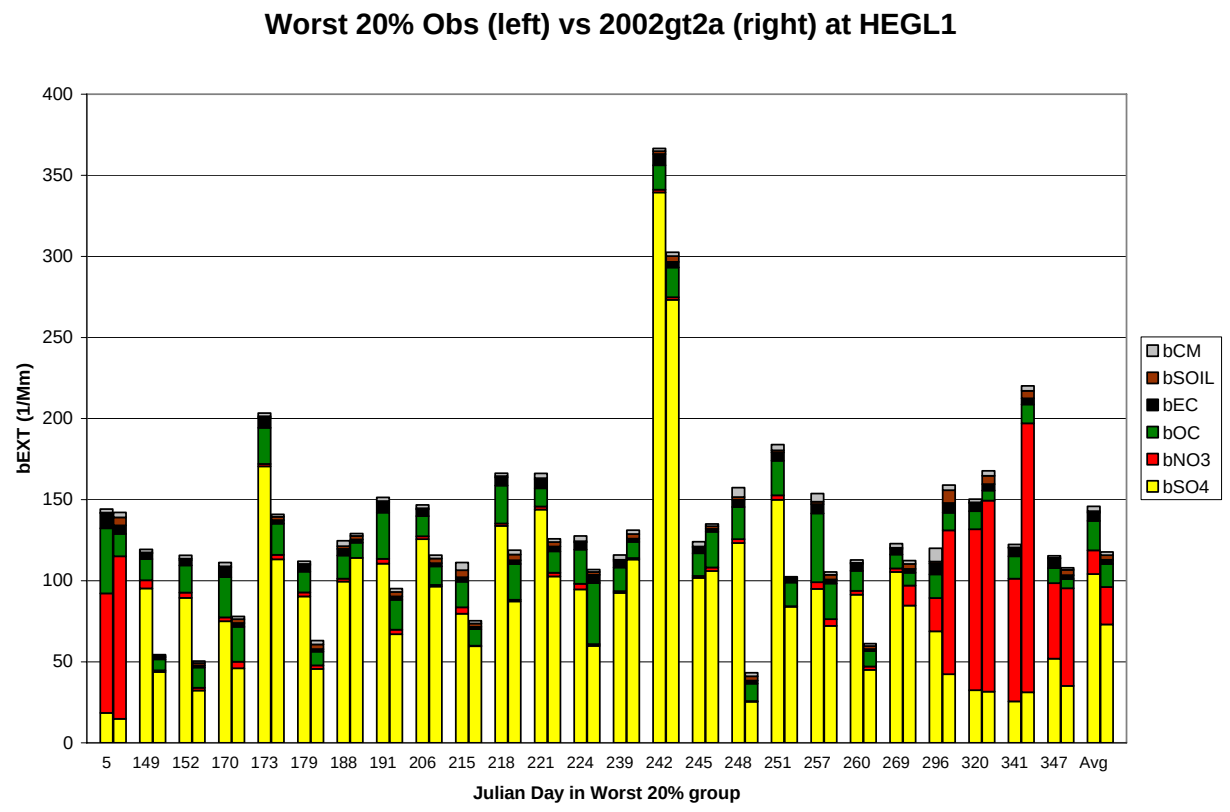

Figure E-20d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Hercules Glade (HEGL), Missouri and Worst 20% (W20%) days in 2002.

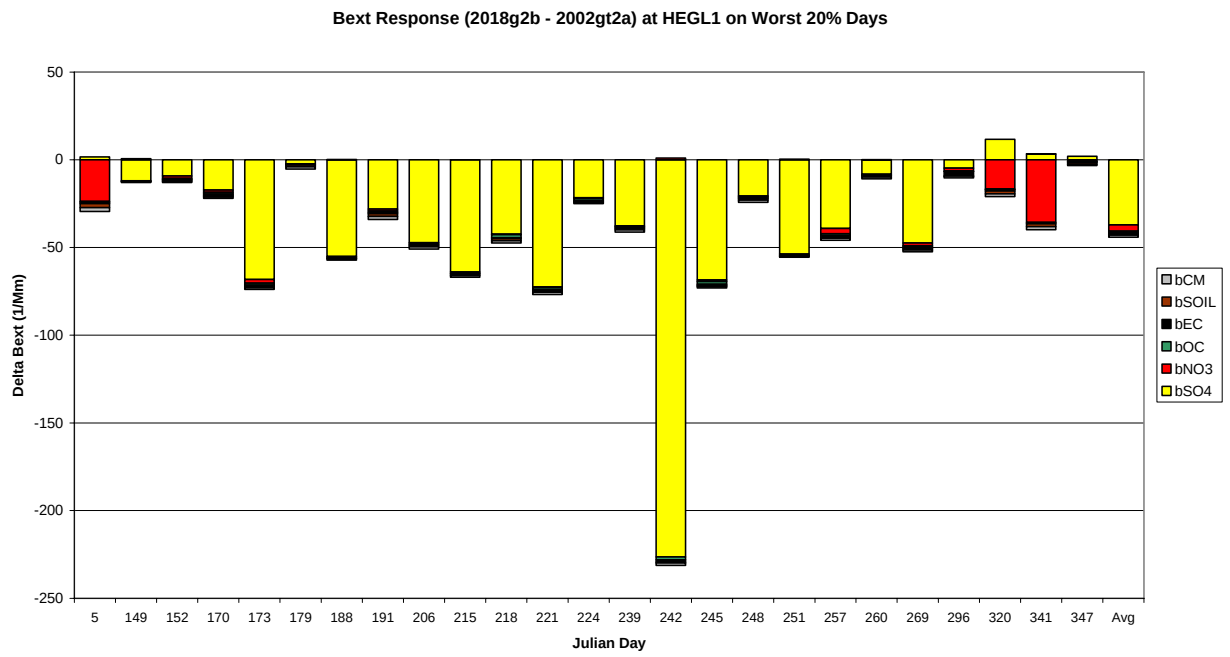

Figure E-20e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Hercules Glade (HEGL), Missouri and Worst 20% (W20%) days in 2002.

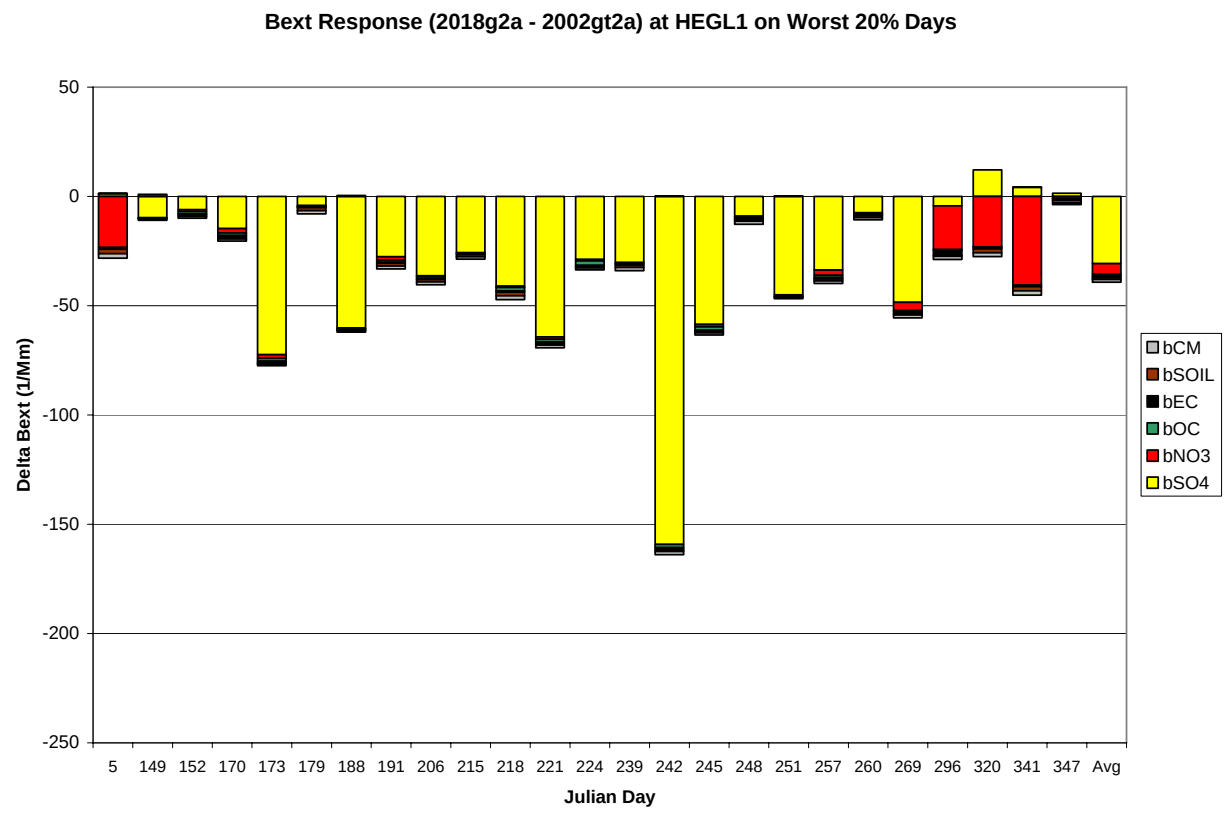

Figure E-20f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Hercules Glade (HEGL), Missouri and Worst 20% (W20%) days in 2002.

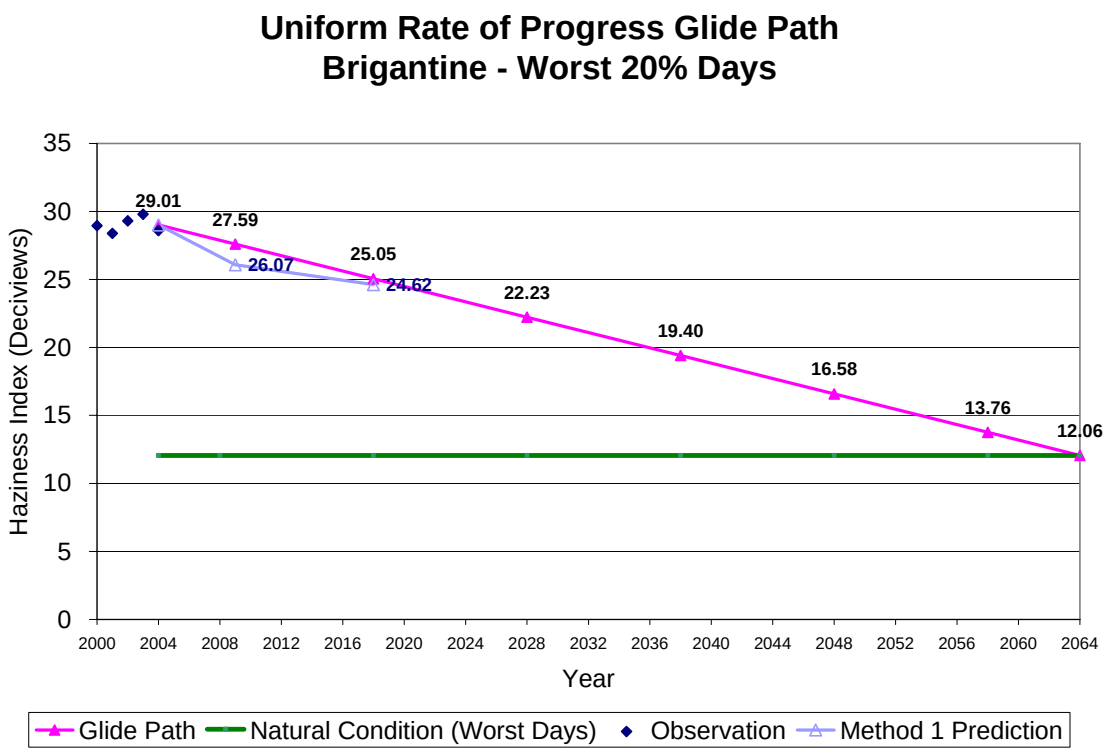

Figure E-21a. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Brigantine (BRIG), New Jersey and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 12 km modeling results.

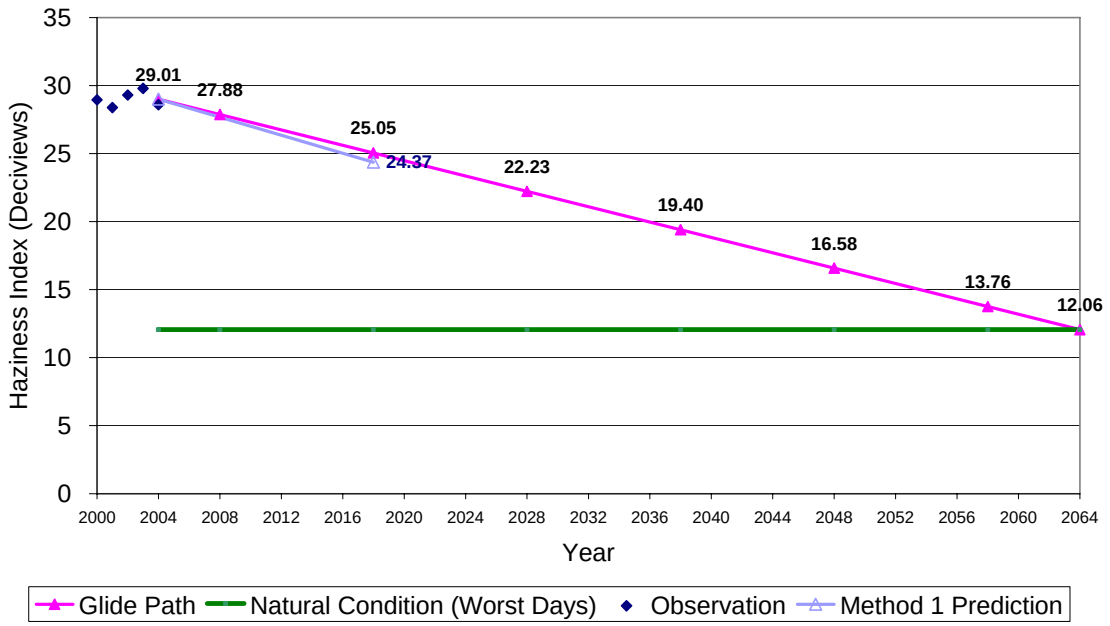

Figure E-21b. 2018 Visibility Projections and 2018 URP Glidepath in deciview for Brigantine (BRIG), New Jersey and Worst 20% (W20%) days using 2002/2018 Base G2 CMAQ 36 km modeling results.

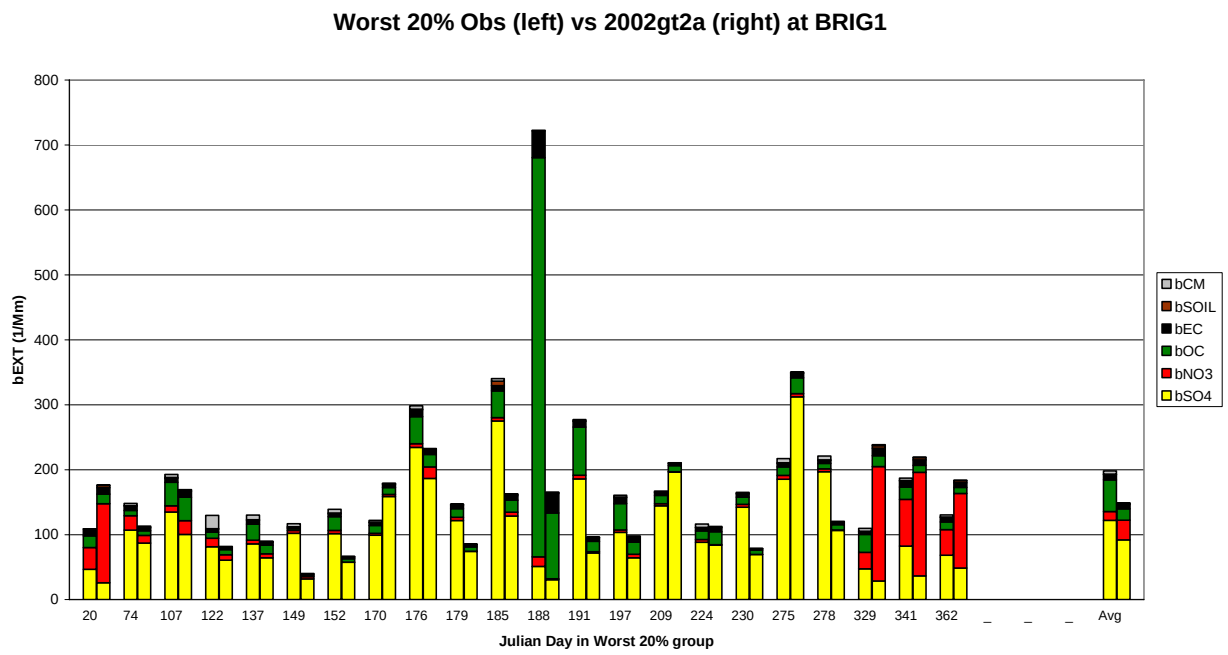

Figure E-21c. Comparison of observed (left) and 2002 Base G2 CMAQ 12 km modeled (right) daily extinction for Brigantine (BRIG), New Jersey and Worst 20% (W20%) days in 2002.

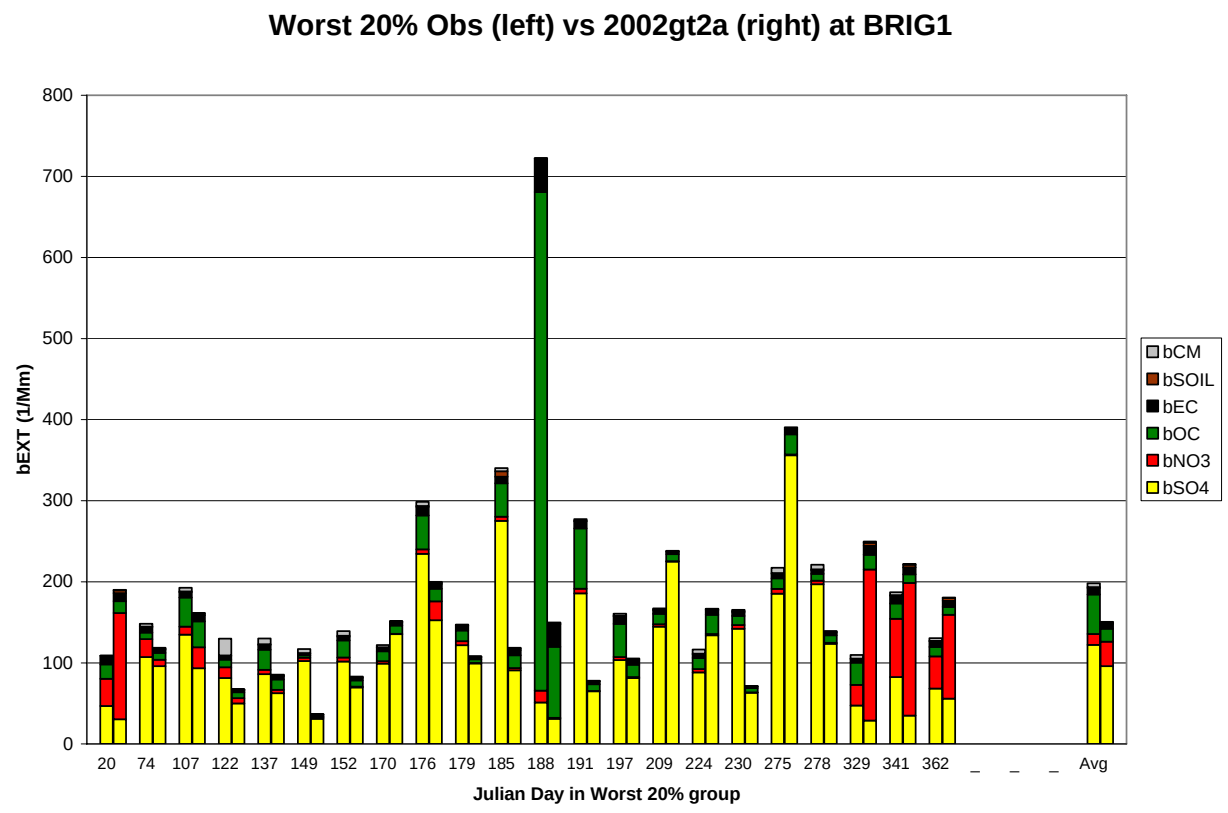

Figure E-21d. Comparison of observed (left) and 2002 Base G2 CMAQ 36 km modeled (right) daily extinction for Brigantine (BRIG), New Jersey and Worst 20% (W20%) days in 2002.

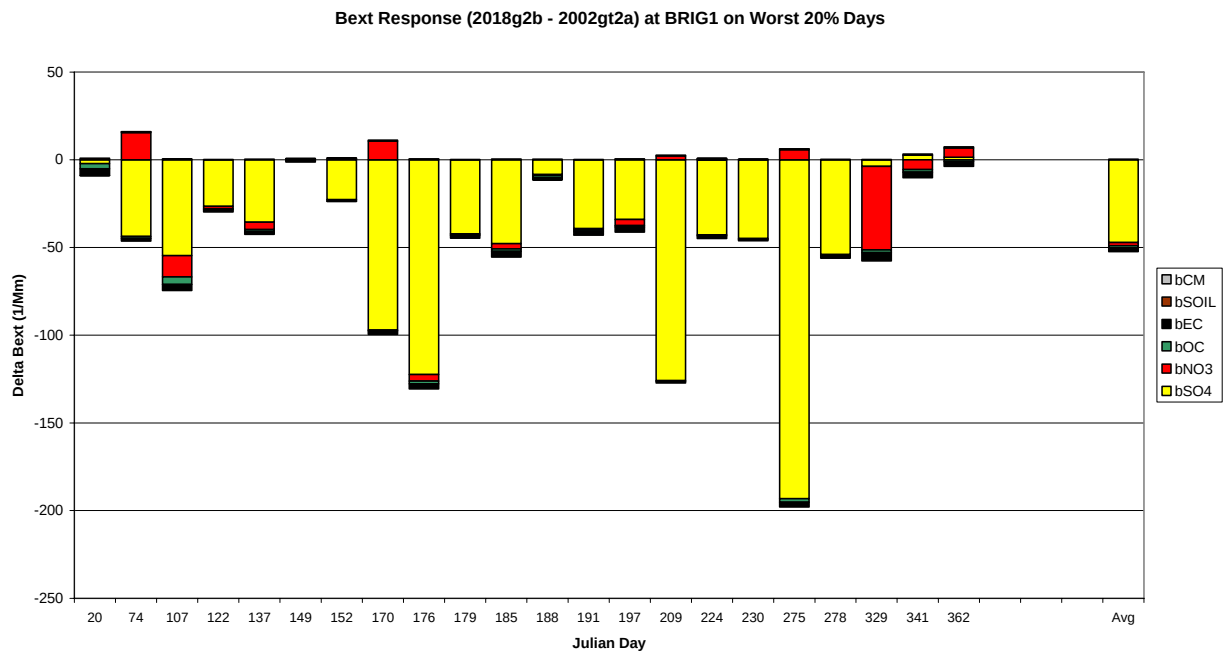

Figure E-21e. Differences in modeled 2002 and 2018 Base G CMAQ 12 km results (2018-2002) daily extinction for Brigantine (BRIG), New Jersey and Worst 20% (W20%) days in 2002.

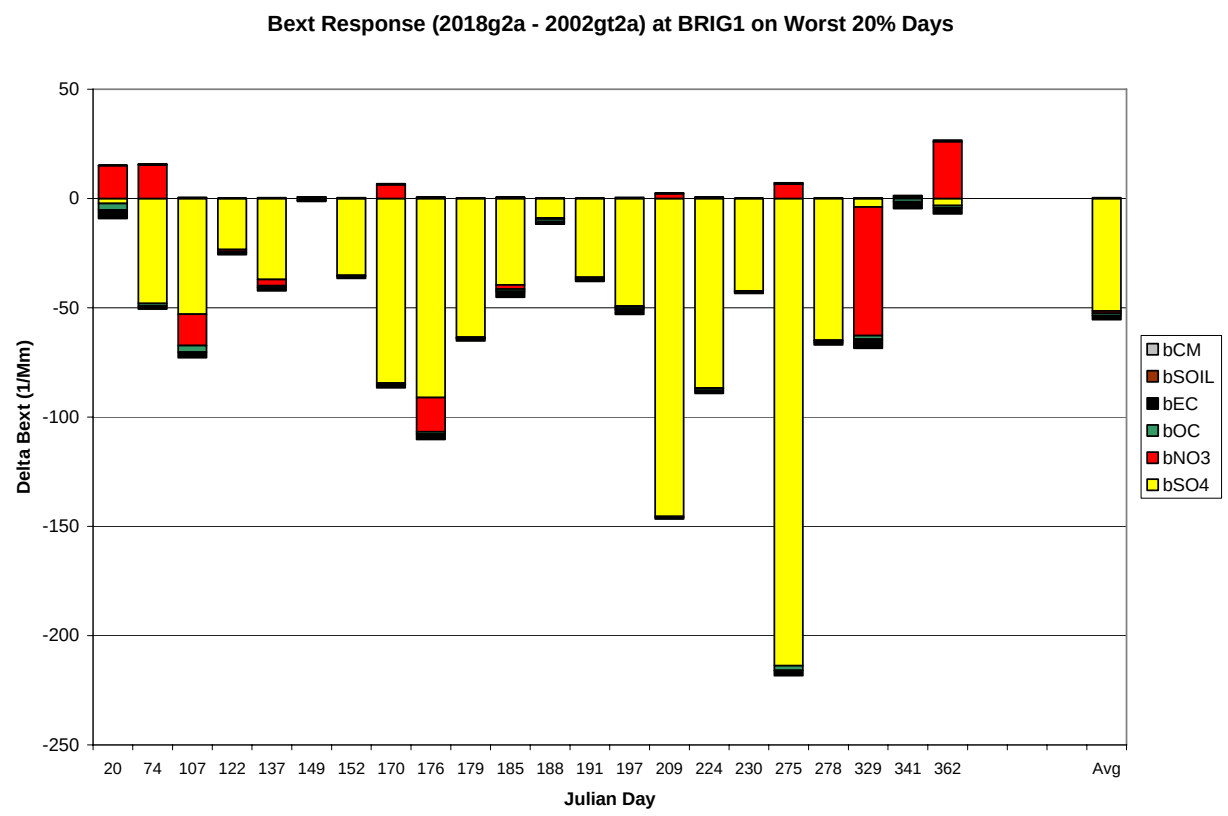

Figure E-21f. Differences in modeled 2002 and 2018 Base G CMAQ 36 km results (2018-2002) daily extinction for Brigantine (BRIG), New Jersey and Worst 20% (W20%) days in 2002.