CERES Terra Revision_1 Table

2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | Tab-delimited file | Application Instructions | Reference

		All Sky		Clear Ocean	
Year	Month	FM1	FM2	FM1	FM2
2000	Mar	1.000	1.000	1.000	1.000
	Apr	1.000	1.000	1.000	1.000
	May	1.001	1.000	1.000	1.000
	Jun	1.001	1.001	1.000	1.000
	Jul	1.001	1.002	1.000	1.002
	Aug	1.001	1.002	1.001	1.003
	Sep	1.001	1.002	1.001	1.003
	Oct	1.002	1.002	1.002	1.003
	Nov	1.003	1.003	1.003	1.003
	Dec	1.003	1.003	1.003	1.003
2001	Jan	1.003	1.004	1.003	1.004
	Feb	1.003	1.005	1.003	1.004
	Mar	1.004	1.005	1.003	1.004
	Apr	1.006	1.005	1.005	1.004
	May	1.007	1.005	1.007	1.004
	Jun	1.007	1.005	1.007	1.004
	Jul	1.007	1.006	1.007	1.005
	Aug	1.007	1.006	1.007	1.005
	Sep	1.008	1.006	1.008	1.005
	Oct	1.007	1.006	1.008	1.005
	Nov	1.007	1.007	1.008	1.005
	Dec	1.007	1.007	1.008	1.005
2002	Jan	1.007	1.008	1.008	1.005
	Feb	1.007	1.008	1.008	1.005
	Mar	1.009	1.009	1.011	1.008
	Apr	1.011	1.010	1.012	1.010
	May	1.011	1.010	1.012	1.011
	Jun	1.011	1.011	1.012	1.011
	Jul	1.011	1.011	1.012	1.012
	Aug	1.011	1.012	1.012	1.012
	Sep	1.011	1.013	1.012	1.013
	Oct	1.011	1.013	1.012	1.016
	Nov	1.011	1.014	1.012	1.016
	Dec	1.011	1.015	1.012	1.017
2003	Jan	1.011	1.015	1.012	1.017
	Feb	1.011	1.015	1.012	1.018
	Mar	1.011	1.015	1.012	1.019
	Apr	1.011	1.014	1.012	1.019
	May	1.011	1.015	1.012	1.020
	Jun	1.011	1.014	1.012	1.019
	Jul	1.011	1.014	1.012	1.020
	Aug	1.011	1.015	1.012	1.021
2004	Jan	1.011	1.017	1.012	1.022
	Feb	1.011	1.018	1.012	1.023
	Mar	1.011	1.016	1.012	1.023
	Apr	1.011	1.017	1.012	1.025
	May	1.011	1.017	1.012	1.024
	Jun	1.011	1.017	1.012	1.024
	Jul	1.011	1.017	1.012	1.025
	Aug	1.011	1.018	1.012	1.025
	Sep	1.011	1.017	1.012	1.024
	Oct	1.011	1.017	1.012	1.024
	Nov	1.011	1.017	1.012	1.025
	Dec	1.011	1.017	1.012	1.026
2005	Jan	1.011	1.018	1.012	1.025
	Feb	1.011	1.018	1.012	1.025
	Mar	1.011	1.018	1.012	1.026
	Apr	1.011	1.018	1.012	1.027
	May	1.011	1.018	1.012	1.026
	Jun	1.011	1.018	1.012	1.027
	Jul	1.011	1.018	1.012	1.027
	Aug	1.011	1.018	1.012	1.027
	Sep	1.011	1.018	1.012	1.027
	Oct	1.011	1.018	1.012	1.027
	Nov	1.011	1.018	1.012	1.027
	Dec	1.011	1.018	1.012	1.027
2006	Jan	1.011	1.018	1.012	1.027
	Feb	1.011	1.018	1.012	1.027
	Mar	1.011	1.018	1.012	1.027
	Apr	1.011	1.018	1.012	1.027
	May	1.011	1.018	1.012	1.027
	Jun	1.011	1.018	1.012	1.027
	Jul	1.011	1.018	1.012	1.027
	Aug	1.011	1.018	1.012	1.027
	Sep	1.011	1.018	1.012	1.027
	Oct	1.011	1.018	1.012	1.027
	Nov	1.011	1.018	1.012	1.027
	Dec	1.011	1.018	1.012	1.027
2007	Jan	1.011	1.018	1.012	1.027
	Feb	1.011	1.018	1.012	1.027
	Mar	1.011	1.018	1.012	1.027
	Apr	1.011	1.018	1.012	1.027
	May	1.011	1.018	1.012	1.027
	Jun	1.011	1.018	1.012	1.027
2008	Jan	1.011	1.018	1.012	1.027
	Feb	1.011	1.018	1.012	1.027
	Mar	1.011	1.018	1.012	1.027
	Apr	1.011	1.018	1.012	1.027
	May	1.011	1.018	1.012	1.027
	Jun	1.011	1.018	1.012	1.027
	Jul	1.011	1.018	1.012	1.027
	Aug	1.011	1.018	1.012	1.027
	Sep	1.011	1.018	1.012	1.027
	Oct	1.011	1.018	1.012	1.027
	Nov	1.011	1.018	1.012	1.027
	Dec	1.011	1.018	1.012	1.027
2009	Jan	1.011	1.018	1.012	1.027
	Feb	1.011	1.018	1.012	1.027
	Mar	1.011	1.018	1.012	1.027
	Apr	1.011	1.018	1.012	1.027
	May	1.011	1.018	1.012	1.027
	Jun	1.011	1.018	1.012	1.027
	Jul	1.011	1.018	1.012	1.027
	Aug	1.011	1.018	1.012	1.027
	Sep	1.011	1.018	1.012	1.027
	Oct	1.011	1.018	1.012	1.027
	Nov	1.011	1.018	1.012	1.027
	Dec	1.011	1.018	1.012	1.027
2010	Jan	1.011	1.018	1.012	1.027
	Feb	1.011	1.018	1.012	1.027

	Sep	1.011	1.015	1.012	1.021
	Oct	1.011	1.016	1.012	1.022
	Nov	1.011	1.016	1.012	1.023
	Dec	1.011	1.016	1.012	1.023

	Jul	1.011	1.018	1.012	1.027
	Aug	1.011	1.018	1.012	1.027
	Sep	1.011	1.018	1.012	1.027
	Oct	1.011	1.018	1.012	1.027
	Nov	1.011	1.018	1.012	1.027
	Dec	1.011	1.018	1.012	1.027

Application Instructions

The above table presents scaling factors which users should apply to select CERES SW parameters on the data product versions listed in the matrix below. For specific lists of the parameters to which these Terra Rev1 corrections should be applied and instructions on how to do so, refer to the *User Applied Revisions for Current Edition* section in the Data Quality Summary that corresponds to the data set in question.

The All-sky values should be used unless a user is interested in looking specifically at clear ocean scenes, in this case the clear ocean values should be used. The clear-ocean values were determined by analyzing the ERBE-Like clear ocean scenes as determined by the ERBE Like scene ID. The user should not attempt to combine the all-sky and clear ocean factors in a common study.

Data Product	Applicable Versions
BDS	All Edition2
ES8	
ES4	
ES9	
SSF	All Edition1x and Edition2x
CRS	
FSW	
SFC	
SRBAVG	

Reference

Matthews, G. , K. Priestley, P. Spence, D. Cooper, and D. Walikainen, "Compensation for spectral darkening of short wave optics occurring on the Clouds and the Earth's Radiant Energy System," in *Earth Observing Systems* X, edited by James J. Butler, Proceedings of SPIE Vol. 5882 (SPIE, Bellingham, WA, 2005) Article 588212.