Model Comparison Sheet

Letter	Run Date	Model Name	Model Version	gswmnmisdi	gswmnmidi	gswmsdi	gswmdi	ncep	gpi
V*	August 30, 2004	time-gcm	tgcm24	0	0	1	1	0	0
N	June 16, 2004	time-gcm	tgcm24	0	0	1	1	1	1
R	October 13, 2004	tiegcm	tiegcm1.	0	0	1	1	0	1
S	June 24, 2005	tiegcm	tiegcm1.8	0	0	1	1	0	1
Y	February 17, 2006	time-gcm	timegcm1.2	0	0	1	1	1	1
U	April 6, 2006	time-gcm	timegcm1.2	0	0	1	1	1	0
T	April 27, 2006	time-gcm	timegcm1.2	0	0	1	1	0	0
J	October 12, 2006	time-gcm	timegcm1.2	0	0	1	1	1	1
C	July 17, 2007	time-gcm	timegcm1.2	0	0	1	1	1	1
								ECMWF	
W	April 24, 2007	time-gcm	timegcm1.3	0	0	1	1	1	1
X	May 14, 2007	time-gcm	timegcm1.3	0	0	1	1	1	1
A	July 27, 2007	time-gcm	timegcm1.3	0	0	1	1	1	1
								ncep	**gpi**
D	Oct 12-15, 2007	time-gcm	timegcm1.2	0	0	1	1	0	0
E	October 15, 2007	time-gcm	timegcm1.2	0	0	1	1	1	0

GSWMNMISDI	1 if using GSWM nonmigrating semidiurnal tides as boundary for Z,TN,UN,VN
GSWMNMIDI	1 if using GSWM nonmigrating diurnal tides as boundary for Z,TN,UN,VN
GSWMSDI	1 if using GSWM semidiurnal tides as boundary for Z,TN,UN,VN
GSWMDI	1 if using GSWM diurnal tides as boundary for Z,TN,UN,VN
NCEP/NMC	1 if using ncep boundaries for t and z
GPI	1 if using geophysical indices database for f107d, f107a, hpower, and ctpoten
ECMWF	European Center for Medium Range Forcasting Center (replaces NCEP)

* V run for only days 1 - 60

Timegcm1.3

•Now uses **ECMWF**(European Center for Medium-Range Weather Forecasts):

Lower boundary forcings every 6 hours

(NCEP changed every 24 hours)

Perhaps capturing more tidal and planetary wave variations

•Double resolution:

--- 2.5 degrees latitude and longitude

--- 4 grid points/scale height

Timegcm1.2

Uses NCEP (National Centers for Environmental Prediction)

5x5 degree resolution