Table K.2.7.C Transmission Requirement for BUFR Model Sounding Data from the NCEP ETA Model
Revised: November 22, 1999

BUFR SOUNDING FILE	WMO Header	Cycles / Day	Number of Soundings / Collective	File Size / Sounding (Kb)	Total Collecive Size / Cycle (Kb)	Notes
Southeast CONUS	JUSA41 KWNO	4	224	59	52864.0	1,2,3,4
Northeast CONUS	JUSA42 KWNO	4	259	59	61124.0	1,2,3,4
South Central CONUS	JUSB43 KWNO	4	172	59	40592.0	1,2,3,4
North Central CONUS	JUSB44 KWNO	4	201	59	47436.0	1,2,3,4
Southwest CONUS	JUSB45 KWNO	4	119	59	28084.0	1,2,3,4
Northwest CONUS	JUSB46 KWNO	4	118	59	27848.0	1,2,3,4
Eastern North Pacific	JUSX47 KWNO	4	15	59	3540.0	1,2,3,4
Alaska Region	JUSX49 KWNO	4	86	59	20296.0	1,2,3,4
				Total / Day	281784.0	

Notes:

1. ETA model data will be provided in BUFR format for each operationally significant forecast points
2.. Maximum transmission delay to database from NCEP is 10 minutes
3. Each BUFR file contains all available time projections and vertical layers
4. BUFR Model Soundings will be collectived using the following geographic boundaries:

a. Southeast CONUS: 30S-37N, 50W-90W
b. Northeast CONUS: 37N-85N, 50W-90W
c. South Central CONUS: 30S-37N, 90W-109W
d. North Central CONUS: 37N-85N, 90W-109W
e. Southwest CONUS: 30S-42N, 109W-140W
f. Northwest CONUS: 42N-85N, 109W-128W and 42N-52N, 128W-140W
g. North Eastern Pacific: 30S-50N, 140W-180 (dateline)
h. Alaska: 52N-85N, 128W-140W and 50N-85N, 140W-130E