

NWS EMWIN Text Product Catalog

(rev 200211-1442)

This document addresses the identification of text products appearing on the US National Weather Service (NWS) Emergency Managers Weather Information Network (EMWIN) service. Information on the image products on the EMWIN service is published here:

https://www.weather.gov/media/emwin/EMWIN_Image_and_Text_Data_Capture_Catalog_v1.3b_r180817.pdf

The information in this document identifies the data used by the NWS in the operation of the EMWIN dissemination service. The EMWIN service is available to the public on the NESDIS HRIT/EMWIN satellite broadcast from the GOES-East (GOES-16) and GOES-West (GOES-17) satellites, and on the NWS EMWIN FTP file service. Further information is available on the Documents tab of the NWS EMWIN web page:

<https://www.weather.gov/emwin/>

Text products on the EMWIN service may be separated into two groups:

International Products.

International products – those received from countries outside the United States (US), its possessions and territories – are formatted to WMO standards per WMO Pub 386.

Appendix A - AWDS Table, provides an explicit list of International text products by WMO header.

Note - The US National Weather Service does release a smaller set of products grouped with the International Products by virtue of the absence of an AWIPS ID on the line immediately following the WMO header (see “US National Products” below).

US National Products.

US National products are formatted to WMO standards per WMO Pub 386, but include an AWIPS ID field on the line immediately following the WMO header. This field is six bytes in length consisting of four to six left-justified alpha-numeric characters and spaces to fill to the six byte field length where necessary. The first three characters of the AWIPS ID are the Category (CAT) Code and identify a description of the product content. US National products are generated by known originators associated with a specific WMO Originator Code (CCCC).

Appendix B – CATLST Table, identifies the product categories or types of messages released by one or more of the originators identified in the Site List Table (Appendix C).

The CATLST Table does not contain all the category codes found on the EMWIN service. A small set of US National products with assigned category codes appear in the AWDS Table (Appendix A). These instances exist to limit a particular message category to a finite set of product originators. A specific category code can exist in Appendix A or Appendix B, but not both.

The EMWIN service disseminates a specified subset of the total set of NWS message categories. A complete list of all NWS category codes is found here:

http://weather.gov/datamgmt/x_ref/xr04_X_ref_by_NNN.xlsx

Appendix C – Site List Table, identifies the WMO Originator Code (CCCC) of the offices which release products containing one or more of the AWIPS Category Codes identified in the CATLST Table (Appendix B).

Appendix D – Weather Program Listing, identifies the EMWIN short files names associated with the products listed in Weather Program documents and web sites. Links to the source documents and web sites are included for reference. The following Weather Program Listings are addressed:

NWS Tsunami Products

WMO RA-IV Hurricane Operation Plan 2018

How to Find the Weather, Water and Climate Products of Interest

US Weather Forecast Office (WFO) Products. - *work in progress* -

Point of Contact

Questions and comments on this document may be addressed to:

NWS EMWIN Support: nws.emwin.support@noaa.gov

Appendix A - AWDS Table <link>

TTAAiiCCCC,NNN,Pri, FN
ABCN01KWBC,TPT,2,STPTPTCN.TXT
ABNA26KWBC,TPT,2,TCPNAMUS.TXT
ABNT20KNHC,TWS,2,HAWT20US.TXT
ABNT30KNHC,TWS,2,HAST30US.TXT
ABPW10PGTW,,2,HWFW10US.TXT
ABPZ20KNHC,TWO,2,HEWZ20US.TXT
ABPZ30KNHC,TWS,2,HNSNHCUS.TXT
ABUS23KWBC,TPT,2,NWX005US.TXT
ABUS24KWBC,TPT,2,NWX002US.TXT
ABUS25KWBC,TPT,2,NWX003US.TXT
ABXX06KWBC,TPT,2,TCPINTUS.TXT
ABXX07KWBC,TPT,2,INTLATUS.TXT
ACCA62TJSJ,TWO,2,HAWSPNUS.TXT
ACPN50PHFO,TWO,2,HNWA50US.TXT
ACPN60PHFO,TWS,2,HNSA60US.TXT
ACUS01KWNS,SWO,2,SWODY1US.TXT
ACUS02KWNS,SWO,2,SWODY2US.TXT
ACUS03KWNS,SWO,2,SWODY3US.TXT
ACUS11KWNS,SWO,2,SWOWKCUS.TXT
ACUS41KWBC,SCC,2,SCCNS1US.TXT
ACUS42KWBC,SCC,2,SCCNS2US.TXT
ACUS43KWBC,SCC,2,SCCNS3US.TXT
ACUS44KWBC,SCC,2,SCCNS4US.TXT
ACUS45KWBC,SCC,2,SCCNS5US.TXT
ACUS48KWNS,SWO,2,SWOD48US.TXT
AGNT40KWNM,MIM,2,MIMATNUS.TXT
AGPN40KWNM,MIM,2,MIMPACUS.TXT
ASPS20NFFN,,2,PACMSLUS.TXT
ATPQ40PGUM,SIM,3,HWFT40US.TXT
AXNT20KNHC,TWD,2,HATT20US.TXT
AXPZ20KNHC,TWD,2,HETNHCUS.TXT
BMBB91PAFC,STQ,2,STQAEAK.TXT
BMBB91PAFG,STQ,2,STQNSBAK.TXT
CXAK56PAJK,CF6,4,CF6KTNAK.TXT
CXUS54KEWX,CF6,4,CF6EWXTX.TXT
CXUS54KHGX,CF6,4,CF6HGXTX.TXT
CXUS54KLIX,CF6,4,CF6LIXLA.TXT
CXUS51KALY,CF6,4,CF6PSFMA.TXT
CXUS51KCTP,CF6,4,CF6CTPPA.TXT
CXUS51KGYX,CF6,4,CF6GYXGA.TXT
CXUS51KLWX\CF6\4\CF6LWXLA.TXT
CXUS53KDTX,CF6,4,CF6DTXMI.TXT
CXUS54KSHV,CF6,4,CF6SHVAR.TXT
CXUS55KBYZ,CF6,4,CF6BYZMT.TXT
CXUS55KBYZ,CF6,4,CF6BYZMT.TXT
CXUS56KLOX,CF6,4,CF6LOXCA.TXT
CXUS56KOTX,CF6,4,CF6OTXWA.TXT
FAFJ40NFFN,,1,PAFFNFJ.TXT
FAKB40NFFN,,1,PAFFNFI.TXT
FAKU40NFFN,,1,PAFU40CI.TXT
FAKU41NFFN,,1,PAFU41CI.TXT
FASA31TTPP,,2,AFPTTTFM.TXT
FATO40NFFN,,1,PAFFNTG.TXT
FAZM40NFFN,,1,PAFFNWS.TXT
FBCA11KWBC,,4,WIN11AUS.TXT
FBCA12KWBC,,4,WIN12AUS.TXT
FBCA13KWBC,,4,WIN13AUS.TXT
FBCA14KWBC,,4,WIN14AUS.TXT
FBCA21KWBC,,4,WIN21AUS.TXT
FBCA22KWBC,,4,WIN22AUS.TXT

FBCA23KWBC,,4,WIN23AUS.TXT
FBCA24KWBC,,4,WIN24AUS.TXT
FBCA25KWBC,,4,WIN25AUS.TXT
FBCA26KWBC,,4,WIN26AUS.TXT
FBCA27KWBC,,4,WIN27AUS.TXT
FBCA28KWBC,,4,WIN28AUS.TXT
FBNA11KWBC,,4,WINA11US.TXT
FBNA12KWBC,,4,WINA12US.TXT
FBNA13KWBC,,4,WINA13US.TXT
FBNA14KWBC,,4,WINA14US.TXT
FBNA21KWBC,,4,WINA21US.TXT
FBNA22KWBC,,4,WINA22US.TXT
FBNA23KWBC,,4,WINA23US.TXT
FBNA24KWBC,,4,WINA24US.TXT
FBNA25KWBC,,4,WINA25US.TXT
FBNA26KWBC,,4,WINA26US.TXT
FBNA27KWBC,,4,WINA27US.TXT
FBNA28KWBC,,4,WINA28US.TXT
FBNT11KWBC,,4,WINT11US.TXT
FBNT12KWBC,,4,WINT12US.TXT
FBNT13KWBC,,4,WINT13US.TXT
FBNT14KWBC,,4,WINT14US.TXT
FBNT15KWBC,,4,WINT15US.TXT
FBNT16KWBC,,4,WINT16US.TXT
FBNT17KWBC,,4,WINT17US.TXT
FBNT18KWBC,,4,WINT18US.TXT
FBNT21KWBC,,4,WINT21US.TXT
FBNT22KWBC,,4,WINT22US.TXT
FBNT23KWBC,,4,WINT23US.TXT
FBNT24KWBC,,4,WINT24US.TXT
FBNT25KWBC,,4,WINT25US.TXT
FBNT26KWBC,,4,WINT26US.TXT
FBNT27KWBC,,4,WINT27US.TXT
FBNT28KWBC,,4,WINT28US.TXT
FBNT29KWBC,,4,WINT29US.TXT
FBNT30KWBC,,4,WINT30US.TXT
FBNT31KWBC,,4,WINT31US.TXT
FBNT32KWBC,,4,WINT32US.TXT
FGUS62KALR,ESG,2,ESGHUNAL.TXT
FGUS64KORN,ESG,2,ESGHUNAL.TXT
FKNT21KNHC,TCA,1,TCANT1US.TXT
FKNT22KNHC,TCA,1,TCANT2US.TXT
FKNT23KNHC,TCA,1,TCANT3US.TXT
FKNT24KNHC,TCA,1,TCANT4US.TXT
FKNT25KNHC,TCA,1,TCANT5US.TXT
FKPA21PHFO,TCA,2,TCAA21US.TXT
FKPA22PHFO,TCA,2,TCAA22US.TXT
FKPA23PHFO,TCA,2,TCAA23US.TXT
FKPA24PHFO,TCA,2,TCAA24US.TXT
FKPA25PHFO,TCA,2,TCAA25US.TXT
FKPZ21KNHC,TCA,1,TCAPZ1US.TXT
FKPZ22KNHC,TCA,1,HNAPZ2US.TXT
FKPZ23KNHC,TCA,1,HNAPZ3US.TXT
FKPZ24KNHC,TCA,1,HNAPZ4US.TXT
FKPZ25KNHC,TCA,1,HNAPZ5US.TXT
FNUS21KWNS,FWD,1,FWDDY1US.TXT
FNUS22KWNS,FWD,1,FWDDY2US.TXT
FNUS28KWNS,FWD,2,FWDD38US.TXT
FNUS38KWNS,PFW,2,PFWF38US.TXT
FOCN45CWWG,,1,NWXCANUS.TXT
FONT11KNHC,PWS,2,PWSAT1US.TXT
FONT12KNHC,PWS,2,PWSAT2US.TXT

FONT13KNHC,PWS,2,PWSAT3US.TXT
FONT14KNHC,PWS,2,PWSAT4US.TXT
FONT15KNHC,PWS,2,PWSAT5US.TXT
FOPA11PHFO,PWS,2,PWSCP1US.TXT
FOPA12PHFO,PWS,2,PWSCP2US.TXT
FOPA13PHFO,PWS,2,PWSCP3US.TXT
FOPA14PHFO,PWS,2,PWSCP4US.TXT
FOPA15PHFO,PWS,2,PWSCP5US.TXT
FOPZ11KNHC,PWS,2,PWSEP1US.TXT
FOPZ12KNHC,PWS,2,PWSEP2US.TXT
FOPZ13KNHC,PWS,2,PWSEP3US.TXT
FOPZ14KNHC,PWS,2,PWSEP4US.TXT
FOPZ15KNHC,PWS,2,PWSEP5US.TXT
FOUS11KWBC,QPF,2,NWXHSDUS.TXT
FOUS30KWBC,QPF,2,NWXQP2US.TXT
FPBA31MYNN,,2,SFPYNNBA.TXT
FPCN11CWHX,,2,SFPWXXCN.TXT
FPCN11CWNT,,1,SFPN11CN.TXT
FPCN11CWTO,,2,SFPTO1CN.TXT
FPCN11CWUL,,2,SFPWULCN.TXT
FPCN11CWVR,,3,SFPWVRCN.TXT
FPCN11CWWG,,2,SFPWWGNCN.TXT
FPCN12CWNT,,2,SFPWNTCN.TXT
FPCN12CWWG,,1,SFPWWGNCN.TXT
FPCN13CWOB,,2,SFPWQBCN.TXT
FPCN13CWTO,,1,EFPWTOCN.TXT
FPCN14CWNT,,1,SFPWNTCN.TXT
FPCN14CWWG,,1,SUMWWGNCN.TXT
FPCN14CWXX,,1,SPSWXXCN.TXT
FPCN15CWHX,,1,SPSWHXCN.TXT
FPCN15CWNT,,1,SPSWNTCN.TXT
FPCN20CWWG,,2,SFPWWGNCN.TXT
FPCN48CWAOW,,1,UVIWAOCN.TXT
FPCN51CWNT,,1,EFPWNTCN.TXT
FPCN52CWNT,,1,EFPWNTCN.TXT
FPCN53CWNT,,1,EFPWNTCN.TXT
FPCN54CWHX,,1,EFPWXXCN.TXT
FPCN54CWNT,,1,SFPWNTCN.TXT
FPCN54CWOB,,1,SFPWQBCN.TXT
FPCN54CWUL,,2,SFPWULCN.TXT
FPCN54CWVR,,1,EFPWVRCN.TXT
FPCN54CWWG,,1,EFPWXXCN.TXT
FPCN54CWXX,,1,EFPWXXCN.TXT
FPCN55CWNT,,1,EFPWNTCN.TXT
FPFJ40NFFN,,1,PCFFNFJ.TXT
FPFW40NFFN,,1,PCFFNFWF.TXT
FPKB40NFFN,,1,PCFFNFI.TXT
FPKU40NFFN,,1,SPSFFNCI.TXT
FPMS20WMKK,,2,INTMKKUS.TXT
FPNE40NFFN,,1,PCFFNFUE.TXT
FPNW40NFFN,,1,PCFFNFNU.TXT
FPTK40NFFN,,1,PCFFNFNTK.TXT
FPTO40NFFN,,1,PCFFNFNTG.TXT
FPTO40NFTF,,1,PCFFNFNTG.TXT
FPTV40NFFN,,1,PCFFNFNTU.TXT
FPUK71EGRR,,2,INTMETUK.TXT
FQNC40NWBW,,1,PMFWBBNN.TXT
FQNT21EGRR,,2,HFFGRRUS.TXT
FQPRO1SPIM,,2,HFFEP3US.TXT
FQPS01NFFN,,1,PMFFNFUS.TXT
FQPS43NZKL,,1,PMF543US.TXT

FQPS44NZKL,,1,PMFS44US.TXT
FQPS45NZKL,,1,PMFS45US.TXT
FQPS46NZKL,,1,PMFS46US.TXT
FRPN31PHFO,RFR,1,RFRN31US.TXT
FSUS02KWBC,COD,2,CODSRPUS.TXT
FTAU31AMMC,,2,TAFU31AU.TXT
FTAU31YBBN,,2,TAFU31AU.TXT
FTCA31KWBC,,1,T AFC31US.TXT
FTCA32KWBC,,1,T AFC32US.TXT
FTCA33KWBC,,1,T AFC33US.TXT
FTCA35KWBC,,2,T AFC35US.TXT
FTCA41KWBC,,1,T AFC41US.TXT
FTCA45KWBC,,2,T AFC45US.TXT
FTFJ31NFFN,,2,TAFJ31FJ.TXT
FTHA31KWBC,,2,T AFA31HA.TXT
FTKB31NFFN,,2,TAFB31KI.TXT
FTNC20NWCC,,2,T AFC20NN.TXT
FTNV01NVVV,,2,TAFV01VU.TXT
FTNZ31NZKL,,2,TAFZ31NZ.TXT
FTPA31PHFO,,1,TAFHFOHI.TXT
FTPA32KWBC,,2,TAFWBCFJ.TXT
FTPF21NTAA,,2,TAFF21FP.TXT
FTPQ31PGUM,,2,TAFGUMGU.TXT
FTPS31NFFN,,2,TAFS31AS.TXT
FTSA31KWBC,,2,TAFS31US.TXT
FTSA41KWBC,,2,TAFS41US.TXT
FTSR31WSSS,,2,TAFR31SS.TXT
FTTV31NFFN,,2,TAFV31TU.TXT
FTUS80KWBC,,2,TAFALLUS.TXT
FVAU01ADRM,,1,ASHU01US.TXT
FVAU02ADRM,,1,ASHU02US.TXT
FVAU03ADRM,,1,ASHU03US.TXT
FVAU04ADRM,,1,ASHU04US.TXT
FVAU05ADRM,,1,ASHU05US.TXT
FVAU06ADRM,,1,ASHU06US.TXT
FVCN01CWAO,,1,ASHN01US.TXT
FVCN02CWAO,,1,ASHN02US.TXT
FVCN03CWAO,,1,ASHN03US.TXT
FVCN04CWAO,,1,ASHN04US.TXT
FVFE01RJTD,,1,ASHE01US.TXT
FVPS01NZKL,,1,ASHZ01US.TXT
FVPS02NZKL,,1,ASHZ02US.TXT
FVXX20KNES,,1,ASHX20US.TXT
FVXX21KNES,,1,ASHX21US.TXT
FVXX22KNES,,1,ASHX22US.TXT
FVXX23KNES,,1,ASHX23US.TXT
FVXX24KNES,,1,ASHX24US.TXT
FVXX25KNES,,1,ASHX25US.TXT
FVXX26KNES,,1,ASHX26US.TXT
FVXX27KNES,,1,ASHX27US.TXT
FWUS45KABQ,SAG,3,SAGABQNM.TXT
FXCN31CWHX,,2,HADN31CN.TXT
FXCN32CWHX,,2,HADN32CN.TXT
FXCN33CWHX,,2,HADN33CN.TXT
FXCN41CWHX,,2,HADN41CN.TXT
FXCN42CWHX,,2,HADN42CN.TXT
FXCN43CWHX,,2,HADN43CN.TXT
FXUS02KWNH,P RE,1,NWXP REUS.TXT
FXUS04KWBC,QPF,1,NWXQPFUS.TXT
FXZS60NSTU,AFD,1,AFDPPGAS.TXT
FZAK80PAFC,ICE,2,ICEAFCAK.TXT
FZNT01KWBC,HSF,2,HFFAT1US.TXT

FZNT02KNHC,HSF,2,HFFAT2US.TXT
FZPN01KWBC,HSF,2,HFFEP1US.TXT
FZPN02KWBC,HSF,2,HFFEP2US.TXT
FZPN03KNHC,HSF,2,HFFEP3US.TXT
FZPN04KNHC,HSF,2,HFFEP3US.TXT
FZPN40PHFO,HSF,2,HFFNP1US.TXT
FZPS40PHFO,HSF,2,HFFSP1US.TXT
FZUS51KBUF,NSH,2,NSHBUFUS.TXT
FZUS51KCLE,NSH,2,NSHCLEOH.TXT
FZUS53KAPX,NSH,2,NSHAPXUS.TXT
FZUS53KDLH,NSH,2,NSHDLHUS.TXT
FZUS53KDTX,NSH,2,NSHDTXUS.TXT
FZUS53KGRB,NSH,2,NSHGRBUS.TXT
FZUS53KGRR,NSH,2,NSHGRRUS.TXT
FZUS53KIWX,NSH,2,NSHIWXIN.TXT
FZUS53KLOT,NSH,2,NSHLOTUS.TXT
FZUS53KMXX,NSH,2,NSHMKXUS.TXT
FZUS53KMQT,NSH,2,NSHMQTUS.TXT
FZUS61KBUF,GLF,2,GLFBUFUS.TXT
FZUS61KCLE,GLF,2,GLFCLEUS.TXT
FZUS63KDTX,GLF,2,GLFDTXUS.TXT
FZUS63KMXX,GLF,2,GLFLOTUS.TXT
FZUS63KMQT,GLF,2,GLFMQTUS.TXT
NOUS42KNHC,REP,2,TSPDFUS.TXT
NOUS90KWBC,,2,FEEBAC1S.TXT
NOXX01KWBC,,2,FEDBACUS.TXT
NOXX10KWBC,,2,MISX10US.TXT
NTXX98PAAQ,TST,2,TSTPAQUS.TXT
NTXX98PHEB,TST,2,TSTHEBUS.TXT
NTXX98PHEB,,2,TSTHEBUS.TXT
NWPS01NFFN,,1,HSDS01US.TXT
NWUS20KWN,STA,1,STADTSUS.TXT
NWUS21KWN,STA,1,STAMTSUS.TXT
NWUS22KWN,STA,1,STAHRYUS.TXT
NWUS23KWN,STA,1,STSTIUS.TXT
SAAU31AMMC,,2,TAFU31AU.TXT
SACA31KWBC,,2,SAHOURLY.TXT
SACA32KWBC,,2,SAHOURLY.TXT
SACA33KWBC,,2,SAHOURLY.TXT
SACA35KWBC,,2,SAHOURLY.TXT
SACA41KWBC,,2,SAHOURLY.TXT
SACA42KWBC,,2,SAHOURLY.TXT
SACA45KWBC,,2,SAHOURLY.TXT
SACN74CWAO,,2,SAHOURLY.TXT
SACN78CWAO,,2,SAHOURLY.TXT
SACN82CWAO,,2,SAHOURLY.TXT
SACN85CWAO,,2,SAHOURLY.TXT
SACN86CWAO,,2,SAHOURLY.TXT
SACN87CWAO,,2,SAHOURLY.TXT
SAHA31KWBC,,2,OB SA31HA.TXT
SAKA31PTKK,,2,SAHOURLY.TXT
SAKA31PTPN,,2,SAHOURLY.TXT
SAKA31PTRO,,2,SAHOURLY.TXT
SAKA31PTSA,,2,SAHOURLY.TXT
SAKA31PTYA,,2,SAHOURLY.TXT
SAMH31PKMJ,,2,SAHOURLY.TXT
SANZ31NZKL,,2,TAFZ31NZ.TXT
SAPA31KWBC,,2,OB SA31GU.TXT
SAPA32KWBC,,2,OB SA32GU.TXT
SAPS31NZKL,,2,TAFS31US.TXT
SASA31KWBC,,2,SAHOURLY.TXT
SASA41KWBC,,2,SAHOURLY.TXT

SATO31NFTF,,2,TAF031TG.TXT
SAUS70KWBC,,2,SAHOURLY.TXT
SAUS80KWBC,,2,SAHOURLY.TXT
SAZM31NSFA,,2,TAFM31WS.TXT
SAZS31NSTU,,2,TAFS31AS.TXT
SIPS20NZKL,,2,OBSS20NZ.TXT
SIPS21NZKL,,2,OBSS21NZ.TXT
SITO21NFTF,,2,OB SO21TG.TXT
SMAU40AMMC,,2,OB SU40AU.TXT
SMCA01KWBC,,2,MSAA01CA.TXT
SMCA02KWBC,,2,MSAA02CA.TXT
SMFJ01NFFN,,2,OB SJ01FJ.TXT
SMFW01NWBB,,2,OB SW01WF.TXT
SMKA01PTKK,,2,OB SA01FM.TXT
SMKA01PTYA,,2,OB SA01FM.TXT
SMKB01NGTT,,2,OB SB01KI.TXT
SMKU01NCRG,,2,OB SU01CI.TXT
SMNC01NWBB,,2,OB SC01NN.TXT
SMNC02NWBB,,2,OB SC02NN.TXT
SMNV01NVVV,,2,OB SV01VU.TXT
SMNZ01NZKL,,2,OB SZ01NZ.TXT
SMPA01KWBC,,2,OB SA01US.TXT
SMPA01RJTD,,2,OB SA01JA.TXT
SMPA20KWBC,,2,OB SA20US.TXT
SMPF01NTAA,,2,OB SF01FP.TXT
SMPS01NZKL,,2,OB SS01UE.TXT
SMSO01AMMC,,2,OB SO01SI.TXT
SMT001NFTF,,2,OB SO01TG.TXT
SMT002NFTF,,2,OB SO02TG.TXT
SMTV01NGFU,,2,OB SV01TU.TXT
SMVE01NZKL,,2,OB SE01NZ.TXT
SMZM01NSAP,,2,OB SM01WS.TXT
SMZM01NSFA,,2,OB SM01WS.TXT
SMZS01NSTU,MTR,2,OB SS01AS.TXT
SMZS01NSTU,SSM,2,OB SS01AS.TXT
SNAU01AMMC,,2,OB SU01AU.TXT
SNAU03AMMC,,2,OB SU03AU.TXT
SNAU44AMMC,,2,OB SU44AU.TXT
SNAU45AMMC,,2,OB SU45AU.TXT
SNAU46AMMC,,2,OB SU46AU.TXT
SNAU47AMMC,,2,OB SU47AU.TXT
SNAU49AMMC,,2,OB SU49AU.TXT
SNAU51AMMC,,2,OB SU51AU.TXT
SNAU54AMMC,,2,OB SU54AU.TXT
SNAU80RJTD,,2,OB SU80JA.TXT
SNNC80RJTD,,2,OB SC80JA.TXT
SNPF80KWBC,,2,OB SF80US.TXT
SOAK45KWBC,,2,TIDWBCAK.TXT
SOUS64KWBC,,2,TIDWBCAK.TXT
SOUS65KWBC,,2,TIDWBCCHI.TXT
SPHA31KWBC,,2,TAFSPCHA.TXT
SPTO31NFTF,,2,TAF031TG.TXT
SPZS31NSTU,,2,TAFS31AS.TXT
SRHW70PHFO,RR7,2,RR5HFOHI.TXT
SRUS71KBT,RR7,2,RR71V4VT.TXT
SXBA40KWAL,,2,OB SYNBA.TXT
SXCA01KNHC,TPT,2,TPTPANUS.TXT
SXHN40KWAL,,2,MISDCPHN.TXT
SXMG40KWAL,,2,MISDCPMG.TXT
SXMN20KWAL,,2,MISDCPNI.TXT
SXMS50KWAL,,2,MISDCPSV.TXT
SXMT40KWAL,,2,MISDCPSV.TXT

SXPA50KWAL,,2,MISA50US.TXT
SXUS40KNMW,,2,OMRNMWOR.TXT
SXUS52KTAE,OSO,2,OSOTE AFL.TXT
SXUS54KBMX,OSO,2,OSOBMXAL.TXT
SXUS54KHUN,OSO,2,OSOHUNAL.TXT
SXUS56KLOX,OSO,2,OSOSMXCA.TXT
TBUS01KNES,SAT,1,EPHS01US.TXT
TBUS02KNES,SAT,1,EPHAT2US.TXT
TBUS03KNES,SAT,1,EPHAT3US.TXT
TBUS04KNES,SAT,1,EPHAT4US.TXT
TBUS05KNES,SAT,1,EPHAT5US.TXT
TBUS06KNES,SAT,1,EPHAT6US.TXT
TCCA21KNHC,STD,2,STDECAUS.TXT
TCCA22KNHC,STD,2,STDCCAUS.TXT
TCCA23KNHC,STD,2,STDWCAUS.TXT
TPPN10PGTW,,1,TPPN10US.TXT
TPPN11PGTW,,1,TPPN11US.TXT
TPPN12PGTW,,1,TPPN12US.TXT
TPPN13PGTW,,1,TPPN13US.TXT
TPPN14PGTW,,1,TPPN14US.TXT
TPPN15PGTW,,1,TPPN15US.TXT
TPPN16PGTW,,1,TPPN16US.TXT
TPPN17PGTW,,1,TPPN17US.TXT
TPPN18PGTW,,1,TPPN18US.TXT
TPPN19PGTW,,1,TPPN19US.TXT
TPPS10PGTW,,1,PACGTWUW.TXT
TPPS11PGTW,,1,PACS11US.TXT
TPPS12PGTW,,1,PACS12US.TXT
TPPS13PGTW,,1,PACS13US.TXT
TPPS14PGTW,,1,PACS14US.TXT
TPPS15PGTW,,1,PACS15US.TXT
TPPS16PGTW,,1,PACS16US.TXT
TPPS17PGTW,,1,PACS17US.TXT
TPPS18PGTW,,1,PACS18US.TXT
TPPS19PGTW,,1,PACS19US.TXT
TPXS10PGTW,,1,HSAS10US.TXT
TPXS11PGTW,,1,HSAS11US.TXT
TPXS12PGTW,,1,HSAS12US.TXT
TPXS13PGTW,,1,HSAS13US.TXT
TPXS14PGTW,,1,HSAS14US.TXT
TXPN41PHFO,TCS,2,TCSNP1US.TXT
TXPN42PHFO,TCS,2,TCSNP2US.TXT
TXPN43PHFO,TCS,2,TCSNP3US.TXT
TXPN44PHFO,TCS,2,TCSNP4US.TXT
TXPN45PHFO,TCS,2,TCSNP5US.TXT
TXPQ20KNES,TCS,2,HWFPPQ0US.TXT
TXPQ21KNES,TCS,2,HWFPPQ1US.TXT
TXPQ22KNES,TCS,2,HWFPPQ2US.TXT
TXPQ23KNES,TCS,2,HWFPPQ3US.TXT
TXPQ24KNES,TCS,2,HWFPPQ4US.TXT
TXPQ25KNES,TCS,2,HWFPPQ5US.TXT
TXPQ26KNES,TCS,2,HWFPPQ6US.TXT
TXPQ27KNES,TCS,2,HWFPPQ7US.TXT
TXPQ28KNES,TCS,2,HWFPPQ8US.TXT
TXPQ29KNES,TCS,2,HWFPPQ9US.TXT
TXPS41PHFO,TCS,2,TCSSP1US.TXT
TXPS42PHFO,TCS,2,TCSSP2US.TXT
TXPS43PHFO,TCS,2,TCSSP3US.TXT
TXPS44PHFO,TCS,2,TCSSP4US.TXT
TXPS45PHFO,TCS,2,TCSSP5US.TXT
TXUS20KNES,SPE,1,SPENESUS.TXT
UACA31KWBC,,2,UAAA31CA.TXT

UACA98KARP,,2,UAAA98CA.TXT
UAFJ01NFFN,,2,TAJF01FJ.TXT
UECA01KWBC,,2,ULPS01CA.TXT
UECA02KWBC,,2,ULPS02CA.TXT
UECA03KWBC,,2,ULPS03CA.TXT
UGFJ20NFFN,,2,AIRJ20FJ.TXT
UHFJ01NFFN,,2,AIRJ01FJ.TXT
UKCA01KWBC,,2,ULPB01CA.TXT
UKCA02KWBC,,2,ULPB02CA.TXT
UKCA03KWBC,,2,ULPB03CA.TXT
ULCA01KWBC,,2,ULPC01CA.TXT
ULCA02KWBC,,2,ULPC02CA.TXT
ULCA03KWBC,,2,ULPC03CA.TXT
UPFJ01NFFN,,2,AIRF01FJ.TXT
UQFJ20NFFN,,2,AIRF20FJ.TXT
URNT15KBIX,,2,AHONT1US.TXT
URNT15KNHC,,2,AHONT1US.TXT
URNT15KWBC,,2,AHONT1US.TXT
URPA15KWBC,,2,AHOPA1US.TXT
URPN15KBIX,,2,AHOPN1US.TXT
URPN15KNHC,,2,AHOPN1US.TXT
URPN15KWBC,,2,AHOPN1US.TXT
USCA01KWBC,,2,ULPA01CA.TXT
USCA02KWBC,,2,ULPA02CA.TXT
USCA03KWBC,,2,ULPA03CA.TXT
USFJ01NFFN,,2,AIRFF2FJ.TXT
USNZ02NZKL,,2,AIRZ02NZ.TXT
WCFJ01NFFN,,1,HSPJO1US.TXT
WCFJ02NFFN,,1,HSPJO2US.TXT
WCFJ03NFFN,,1,HSPJO3US.TXT
WCFJ04NFFN,,1,HSPJO4US.TXT
WCPS21NZKL,,1,AIRS21NZ.TXT
WDPN31PGTW,,1,TCDN31US.TXT
WDPN32PGTW,,1,TCDN32US.TXT
WDPN33PGTW,,1,TCDN33US.TXT
WDPN34PGTW,,1,TCDN34US.TXT
WDPN35PGTW,,1,TCDN35US.TXT
WDPN36PGTW,,1,TCDN36US.TXT
WEAK51PAAQ,TSU,1,TSUK51US.TXT
WEAK53PAAQ,TIB,1,TSUK53US.TXT
WEAK61PAAQ,TSU,1,TSUSPNUS.TXT
WEAK63PAAQ,TIB,1,TIBSPNUS.TXT
WECA40PHEB,TSU,1,TSUCARUS.TXT
WECA41PHEB,TSU,1,TSUCAXUS.TXT
WECA42PHEB,TIB,1,TSUA42US.TXT
WECA43PHEB,TIB,1,TIBCAUS.TXT
WECA50PHEB,TSU,1,TSUSP1US.TXT
WECA52PHEB,TIB,1,TIBSP1US.TXT
WECA60PHEB,TSU,1,TSUCA1US.TXT
WEGM40PHEB,TSU,1,TSUGUMUS.TXT
WEGM42PHEB,TIB,1,TIBGUMUS.TXT
WEHW40PHEB,TSU,1,TSUW40US.TXT
WEHW42PHEB,TIB,1,TSUW42US.TXT
WEPA40PHEB,TSU,1,TSUA40US.TXT
WEPA40RJTD,,1,PACA40US.TXT
WEPA40RKSU,,1,PACKSLUS.TXT
WEPA40RUHB,,1,PACUHBUS.TXT
WEPA41PAAQ,TSU,1,TSUAQ4US.TXT
WEPA42PHEB,TIB,1,TIBA42US.TXT
WEXX20PAAQ,TSU,1,TSUAT1US.TXT
WEXX30PAAQ,TSU,1,TSUATEUS.TXT
WEXX32PAAQ,TIB,1,TIBATEUS.TXT

WEXX40PAAQ,TSU,1,TSUSPNUS.TXT
WEXX42PAAQ,TIB,1,TIBSPNUS.TXT
WEZS40PHEB,TSU,1,TIBPPGUS.TXT
WEZS42PHEB,TIB,1,TIBPPGUS.TXT
WFCN10CWUL,,1,TORU10CN.TXT
WFCN11CWTO,,1,TORT11CN.TXT
WFCN11CWWG,,1,TORW11CN.TXT
WFCN13CWTO,,1,TORWTOCN.TXT
WFCN13CWWG,,1,TORW13CN.TXT
WFCN14CWHX,,1,TORH14CN.TXT
WFCN15CWWG,,1,TORW15CN.TXT
WFCN16CWWG,,1,TORW16CN.TXT
WGZS60NSTU,FFA,1,FFAPP GAS.TXT
WHBA31MYNN,CFW,1,CFWBA3BA.TXT
WHCA31MDSO,,1,CFWCA3DR.TXT
WHCA31MGGT,,1,CFWCA3GU.TXT
WHCA31MHTG,,1,CFWCA3HO.TXT
WHCA31MKJP,,1,CFWCA3JM.TXT
WHCA31MNMGM,,1,CFWCA3NK.TXT
WHCA31MPTO,,1,CFWCA3PM.TXT
WHCA31MRSJ,,1,CFWCA3CS.TXT
WHCA31MUHV,,1,CFWCA3CU.TXT
WHCA31MZBZ,,1,CFWCA3BH.TXT
WHCA31TAPA,,1,CFWCA3AT.TXT
WHCA31TBPB,,1,CFWCA3BR.TXT
WHCA31TTPP,,1,CFWCA3TD.TXT
WHCI28BCGZ,,1,HWPI28US.TXT
WHCO01SKBO,,1,HCDIR1CO.TXT
WHMF31TFFR,,1,CFW MF3MF.TXT
WHMR31TFFF,,1,CFW MR3MR.TXT
WHMX01MMMX,,1,CFW MX1MX.TXT
WHMX02MMMX,,1,CFW MX2MX.TXT
WHNC01NWBB,,1,PMFC01NN.TXT
WHNC02NWBB,,1,PMFC02US.TXT
WHNZ41NZKL,,1,HSFZ41US.TXT
WHPS01NFFN,,1,PMFSO1US.TXT
WHPS02NFFN,,1,PMFSO2US.TXT
WHZS40NSTU,CFW,1,CFWPP GAS.TXT
WOAU01ABRF,,1,PACU01US.TXT
WOBA31MYNN,,1,SPSBA3BA.TXT
WOCA31MDSO,,1,SPSCA3DR.TXT
WOCA31MGGT,,1,SPSCA3GU.TXT
WOCA31MHTG,,1,SPSCA3HO.TXT
WOCA31MKJP,,1,SPSCA3JM.TXT
WOCA31MNMGM,,1,SPSCA3NK.TXT
WOCA31MPTO,,1,SPSCA3PM.TXT
WOCA31MRSJ,,1,SPSCA3CS.TXT
WOCA31MUHV,,1,SPSCA3CU.TXT
WOCA31MZBZ,,1,SPSCA3BH.TXT
WOCA31TAPA,,1,SPSCA3AT.TXT
WOCA31TBPB,,1,SPSCA3BR.TXT
WOCA31TTPP,,1,SPSCA3TD.TXT
WOCN10CWUL,,1,SPSWULCN.TXT
WOCN11CWHX,,1,SPSW11CN.TXT
WOCN11CWNT,,1,SPSWNTCN.TXT
WOCN13CWHX,,1,SPSWWHXCN.TXT
WOCN13CWTO,,1,SPSWT2CN.TXT
WOCN15CWHX,,1,SPSWHXCN.TXT
WOCN21CWQT,,1,SPSWQ2CN.TXT
WOCN31CWHX,,1,SPSN31CN.TXT
WOCN32CWHX,,1,SPSN32CN.TXT
WOCN33CWHX,,1,SPSN33CN.TXT

WOCN41CWHX,,1,SPSN41CN.TXT
WOCN42CWHX,,1,SPSN42CN.TXT
WOCN43CWHX,,1,SPSN43CN.TXT
WOCO01SKBO,,1,SPSCO1CB.TXT
WOMF31TFFR,,1,SPSMF3MF.TXT
WOMR31TFFR,,1,SPSMR3MR.TXT
WOMX01MMMX,,1,SPSMX1MX.TXT
WOMX02MMMX,,1,SPSMX2MX.TXT
WONT41KNHC,DSA,1,HADDS1US.TXT
WONT50LFPW,,1,HFF50US.TXT
WOPF10NTAA,,1,PMFF10FP.TXT
WOPS01NFFN,,1,HSFS01US.TXT
WOPS02NFFN,,1,HSFS02US.TXT
WOPS03NFFN,,1,HSFS03US.TXT
WOPZ41KNHC,DSA,1,HEPDS1US.TXT
WSDR31MDS,,1,ASHR31US.TXT
WSFJ01NFFN,,1,TAJF01FJ.TXT
WSFJ02NFFN,,1,TAJF02FJ.TXT
WSFJ03NFFN,,1,TAJF03FJ.TXT
WSNZ21NZKL,,1,TAZ21NZ.TXT
WTAU01ABRF,,1,HSPU01US.TXT
WTAU02ABRF,,1,HSPU02US.TXT
WTCA41TJSJ,TCP,1,TCPS1PR.TXT
WTCA42TJSJ,TCP,1,TCPA42PR.TXT
WTCA43TJSJ,TCP,1,TCPA43PR.TXT
WTCA44TJSJ,TCP,1,TCPA44PR.TXT
WTCA45TJSJ,TCP,1,TCPA45PR.TXT
WTCN31CWHX,,1,HAFN31CN.TXT
WTCN32CWHX,,1,HAFN32CN.TXT
WTCN33CWHX,,1,HAFN33CN.TXT
WTCN41CWHX,,1,HAFN41CN.TXT
WTCN42CWHX,,1,HAFN42CN.TXT
WTCN43CWHX,,1,HAFN43CN.TXT
WTNCO1NWBB,,1,PMFC02NN.TXT
WTNCO2NWBB,,1,PMFC03NN.TXT
WTNT21KNHC,TCM,1,HAFT21US.TXT
WTNT22KNHC,TCM,1,HAFT22US.TXT
WTNT23KNHC,TCM,1,HAFT23US.TXT
WTNT24KNHC,TCM,1,HAFT24US.TXT
WTNT25KNHC,TCM,1,HAFT25US.TXT
WTNT31KNHC,TCP,1,HAPT31US.TXT
WTNT31KWNH,TCP,1,TCPAT1US.TXT
WTNT32KNHC,TCP,1,HAPT32US.TXT
WTNT32KWNH,TCP,1,TCPAT2US.TXT
WTNT33KNHC,TCP,1,HAPT33US.TXT
WTNT33KWNH,TCP,1,TCPAT3US.TXT
WTNT34KNHC,TCP,1,HAPT34US.TXT
WTNT34KWNH,TCP,1,TCPAT4US.TXT
WTNT35KNHC,TCP,1,HAPT35US.TXT
WTNT35KWNH,TCP,1,TCPAT5US.TXT
WTNT41KNHC,TCD,1,HADT41US.TXT
WTNT42KNHC,TCD,1,HADT42US.TXT
WTNT43KNHC,TCD,1,HADT43US.TXT
WTNT44KNHC,TCD,1,HADT44US.TXT
WTNT45KNHC,TCD,1,HADT45US.TXT
WTNT61KNHC,TCU,1,TCUAT1US.TXT
WTNT62KNHC,TCU,1,TCUAT2US.TXT
WTNT63KNHC,TCU,1,TCUAT3US.TXT
WTNT64KNHC,TCU,1,TCUAT4US.TXT
WTNT65KNHC,TCU,1,TCUAT5US.TXT
WTPA21PHFO,TCM,1,HNFA21US.TXT
WTPA22PHFO,TCM,1,HNFA22US.TXT

WTPA23PHFO,TCM,1,HNFA23US.TXT
WTPA24PHFO,TCM,1,HNFA24US.TXT
WTPA25PHFO,TCM,1,HNFA25US.TXT
WTPA31PHFO,TCP,1,HNPA31US.TXT
WTPA32PHFO,TCP,1,HNPA32US.TXT
WTPA33PHFO,TCP,1,HNPA33US.TXT
WTPA34PHFO,TCP,1,HNPA34US.TXT
WTPA35PHFO,TCP,1,HNPA35US.TXT
WTPA41PHFO,TCD,1,HNDA41US.TXT
WTPA42PHFO,TCD,1,HNDA42US.TXT
WTPA43PHFO,TCD,1,HNDA43US.TXT
WTPA44PHFO,TCD,1,HNDA44US.TXT
WTPA45PHFO,TCD,1,HNDA45US.TXT
WTPA61PHFO,TCU,1,TCUCP1US.TXT
WTPA62PHFO,TCU,1,TCUCP2US.TXT
WTPA63PHFO,TCU,1,TCUCP3US.TXT
WTPA64PHFO,TCU,1,TCUCP4US.TXT
WTPA65PHFO,TCU,1,TCUCP5US.TXT
WTPN21PGTW,,1,HWP21US.TXT
WTPN21PHNC,,1,HEDHNCUS.TXT
WTPN22PGTW,,1,HWP22US.TXT
WTPN22PHNC,,1,HNDN22US.TXT
WTPN23PGTW,,1,HWP23US.TXT
WTPN23PHNC,,1,HNDN23US.TXT
WTPN24PGTW,,1,HWP24US.TXT
WTPN24PHNC,,1,HNDN24US.TXT
WTPN25PGTW,,1,HWP25US.TXT
WTPN25PHNC,,1,HNDN25US.TXT
WTPN26PGTW,,1,HWP26US.TXT
WTPN31PGTW,,1,HWF31US.TXT
WTPN31PHNC,,1,HEPN31US.TXT
WTPN32PGTW,,1,HWF32US.TXT
WTPN32PHNC,,1,HEPN32US.TXT
WTPN33PGTW,,1,HWF33US.TXT
WTPN33PHNC,,1,HEPN33US.TXT
WTPN34PGTW,,1,HWF34US.TXT
WTPN34PHNC,,1,HEPN34US.TXT
WTPN35PGTW,,1,HWF35US.TXT
WTPN35PHNC,,1,HEPN35US.TXT
WTPN36PGTW,,1,HWF36US.TXT
WTPQ31PGUM,TCP,1,HWPQ31US.TXT
WTPQ32PGUM,TCP,1,HWPQ32US.TXT
WTPQ33PGUM,TCP,1,HWPQ33US.TXT
WTPQ34PGUM,TCP,1,HWPQ34US.TXT
WTPQ35PGUM,TCP,1,HWPQ35US.TXT
WTPQ61PGUM,TCU,1,TCUPQ1GU.TXT
WTPQ62PGUM,TCU,1,TCUPQ2GU.TXT
WTPQ63PGUM,TCU,1,TCUPQ3GU.TXT
WTPQ64PGUM,TCU,1,TCUPQ4GU.TXT
WTPQ65PGUM,TCU,1,TCUPQ5GU.TXT
WTPS01NFFN,,1,HSPS01US.TXT
WTPS02NFFN,,1,HSPS02US.TXT
WTPS03NFFN,,1,HSPS03US.TXT
WTPS04NFFN,,1,HSPS04US.TXT
WTPS11NFFN,,1,HSFS11US.TXT
WTPS12NFFN,,1,HSFS12US.TXT
WTPS13NFFN,,1,HSFS13US.TXT
WTPS21PGTW,,1,HSPS21US.TXT
WTPS21PHNC,,1,HSPT21US.TXT
WTPS22PGTW,,1,HSPS22US.TXT
WTPS22PHNC,,1,HSPT22US.TXT
WTPS23PGTW,,1,HSPS23US.TXT

WTPS23PHNC,,1,HSPT23US.TXT
WTPS24PGTW,,1,HSPS24US.TXT
WTPS24PHNC,,1,HSPT24US.TXT
WTPS25PGTW,,1,HSPS25US.TXT
WTPS25PHNC,,1,HSPT25US.TXT
WTPS31PGTW,,1,HSPS31US.TXT
WTPS31PHNC,,1,HSFS31US.TXT
WTPS32PGTW,,1,HSPS32US.TXT
WTPS32PHNC,,1,HSFS32US.TXT
WTPS33PGTW,,1,HSPS33US.TXT
WTPS33PHNC,,1,HSFS33US.TXT
WTPS34PGTW,,1,HSPS34US.TXT
WTPS34PHNC,,1,HSFS34US.TXT
WTPS35PGTW,,1,HSPS35US.TXT
WTPS35PHNC,,1,HSFS35US.TXT
WTPZ21KNHC,TCM,1,HEFZ21US.TXT
WTPZ22KNHC,TCM,1,HEFZ22US.TXT
WTPZ23KNHC,TCM,1,HEFZ23US.TXT
WTPZ24KNHC,TCM,1,HEFZ24US.TXT
WTPZ25KNHC,TCM,1,HEFZ25US.TXT
WTPZ31KNHC,TCP,1,HEPZ31US.TXT
WTPZ32KNHC,TCP,1,HEPZ32US.TXT
WTPZ33KNHC,TCP,1,HEPZ33US.TXT
WTPZ34KNHC,TCP,1,HEPZ34US.TXT
WTPZ35KNHC,TCP,1,HEPZ35US.TXT
WTPZ41KNHC,TCD,1,HEDZ41US.TXT
WTPZ42KNHC,TCD,1,HEDZ42US.TXT
WTPZ43KNHC,TCD,1,HEDZ43US.TXT
WTPZ44KNHC,TCD,1,HEDZ44US.TXT
WTPZ45KNHC,TCD,1,HEDZ45US.TXT
WTPZ61KNHC,TCU,1,TCUEP1US.TXT
WTPZ62KNHC,TCU,1,TCUEP2US.TXT
WTPZ63KNHC,TCU,1,TCUEP3US.TXT
WTPZ64KNHC,TCU,1,TCUEP4US.TXT
WTPZ65KNHC,TCU,1,TCUEP5US.TXT
WUCN10CWUL,,1,SVRU10CN.TXT
WUCN11CWHX,,1,SVRH11CN.TXT
WUCN11CWLW,,1,SVR11CN.TXT
WUCN11CWNT,,1,SVRN11CN.TXT
WUCN11CWTO,,1,SVRT11CN.TXT
WUCN11CWVR,,1,SVRWVRCN.TXT
WUCN11CWWG,,1,SVRW11CN.TXT
WUCN12CWTO,,1,SVRT12CN.TXT
WUCN12CWWG,,1,SVRW12CN.TXT
WUCN13CWNT,,1,SVRN13CN.TXT
WUCN13CWTO,,1,SVRWTOCN.TXT
WUCN13CWVR,,1,SVRV13CN.TXT
WUCN13CWWG,,1,SVRW13CN.TXT
WUCN14CWHX,,1,SVRH14CN.TXT
WUCN14CWWG,,1,SVRW14CN.TXT
WUCN15CWHX,,1,SVRH15CN.TXT
WUCN15CWWG,,1,SVRW15CN.TXT
WUCN16CWHX,,1,SVRH16CN.TXT
WUCN16CWWG,,1,SVRW16CN.TXT
WUCN17CWHX,,1,SVRH17CN.TXT
WUCN19CWVR,,1,SVRV19CN.TXT
WUUS48KWNS,PTS,1,PTSD48US.TXT
WVAU01ADRM,,1,ASHDRMUS.TXT
WVCA31MHTG,,1,INTA31US.TXT
WVCA31TTPP,,1,ASHA31US.TXT
WVJ01NFFN,,1,ASHJ01US.TXT
WVFR31LFPW,,1,ASHR31US.TXT

WVIL31BICC,,1,ASHICCUS.TXT
WVMX31MMEX,,1,INTX31US.TXT
WVOC31ADRM,,1,ASHDR2US.TXT
WWAA01SAWB,,1,INTA01US.TXT
WWAA02SAWB,,1,ANTARTIC.TXT
WWBA01MYNN,,1,HAAYNNBA.TXT
WWCN01CYQQ,,1,SPSQ01CN.TXT
WWCN01CZXX,,1,SPSQZ1CN.TXT
WWCN02CYQQ,,1,SPSQ02CN.TXT
WWCN02CYTR,,1,SPST02CN.TXT
WWCN02CZXX,,1,SPSZ02CN.TXT
WWCN03CYQQ,,1,SPSY03CN.TXT
WWCN03CYTR,,1,SPST03CN.TXT
WWCN03CZXX,,1,SPSZ03CN.TXT
WWCN10CWUL,,1,SPSWULCN.TXT
WWCN11CWHX,,1,SPSHU2CN.TXT
WWCN11CWNT,,1,SPSN11CN.TXT
WWCN11CWTO,,1,SPSN11CN.TXT
WWCN11CWVR,,1,SPSV11CN.TXT
WWCN11CWWG,,1,SPSWW8CN.TXT
WWCN12CWNT,,1,SPSN12CN.TXT
WWCN12CWTO,,1,SPST12CN.TXT
WWCN12CWWG,,1,SPSWWGCN.TXT
WWCN13CWHX,,1,SPSWHXCN.TXT
WWCN13CWNT,,1,SPSWNTCN.TXT

WWCN13CWTO,,1,SPSWTOCN.TXT
WWCN13CWVR,,1,SPSV13CN.TXT
WWCN13CWWG,,1,SPSW13CN.TXT
WWCN14CWHX,,1,SPSH14CN.TXT
WWCN14CWNT,,1,SPSN14CN.TXT
WWCN14CWWG,,1,SPSW14CN.TXT
WWCN15CWHX,,1,SPSHU4CN.TXT
WWCN15CWNT,,1,SPSN15CN.TXT
WWCN15CWUL,,1,SPSU15CN.TXT
WWCN15CWWG,,1,SPSW15CN.TXT
WWCN16CWHX,,1,SPSH16CN.TXT
WWCN16CWNT,,1,SPSN16CN.TXT
WWCN16CWWG,,1,SPSW16CN.TXT
WWCN17CWHX,,1,SPSH17CN.TXT
WWCN19CWVR,,1,SPSV19CN.TXT
WWCN20CWWG,,1,SPSWWGCN.TXT
WWCN20CWXX,,1,SPSX20CN.TXT
WWCN31CWHX,,1,SUMN31CN.TXT
WWCN32CWHX,,1,SUMN32CN.TXT
WWCN33CWHX,,1,SUMN33CN.TXT
WWCN41CWHX,,1,SUMN41CN.TXT
WWCN42CWHX,,1,SUMN42CN.TXT
WWCN43CWHX,,1,SUMN43CN.TXT
WWFJ40NFFN,,1,PCFFFNJ.TXT
WWFJ41NFFN,,1,PCFFFNJ.TXT

WWFW40NFFN,,1,PCFFFNWF.TXT
WWJP25RJTD,,1,SPSJTDJP.TXT
WWKB40NFFN,,1,PCFFFNKI.TXT
WWKU40NFFN,,1,PCFFFNKI.TXT
WWKU41NFFN,,1,PCFFFNKI.TXT
WWNC01NWBB,,1,PMFC01NN.TXT
WWNC02NWBB,,1,PMFC02NN.TXT
WWNE40NFFN,,1,PCFFFNUE.TXT
WWNT30KNGU,,1,SPSNGUUK.TXT
WWNT31KNGU,,1,SPSNG2UK.TXT
WWNV40NFFN,,1,PCFFFNJU.TXT
WWNZ40NZKL,,1,PMFZ40NZ.TXT
WWPS01NFFN,,1,HSPS01US.TXT
WWPS21NFFN,,1,HSDS21US.TXT
WWPS22ABRF,,1,PACS22US.TXT
WWSO21ABRF,,1,HSDO21US.TXT
WWST01SBBR,,1,INTT01US.TXT
WWST02SABM,,1,INTABMUS.TXT
WWST02SBBR,,1,INTBBRUS.TXT
WWTK40NFFN,,1,PCFFFNTK.TXT
WWTO40NFFN,,1,PCFFFNTE.TXT
WWTV40NFFN,,1,PCFFFNTE.TXT
WWUS40KWSN,WWP,1,WWPWNSUS.TXT
WWZM40NFFN,,1,PCFFFNWS.TXT

Appendix B – CATLST Table

NNN,PRI	ESS,3	NPW,1	SEL,1
ADA,2	EVI,1	NUW,1	SEV,1
ADM,2	EWV,1	OFF,2	SFD,3
ADR,1	FFA,1	OMR,2	SFP,3
ADV,1	FFG,2	OPU,3	SFT,3
AFD,2	FFH,2	PFM,3	SLS,1
AFM,3	FFS,1	PLS,3	SMF,2
AFP,3	FFW,1	PMD,2	SMW,1
AGO,3	FLN,3	PNS,2	SPS,1
ALT,1	FLS,1	PRB,4	SPW,1
AQA,3	FLW,1	PSH,3	SQW,1
AQI,3	FRW,1	PWO,1	SRF,2
ASA,3	FTM,2	QPS,3	STO,2
AVA,1	FWF,3	RBG,3	STP,3
AVW,1	FWL,3	RDF,2	SUM,2
AWS,3	FWM,3	REC,2	SVR,1
AWU,3	FWN,2	RER,2	SVS,1
AWW,1	FWO,2	RFD,3	SWS,3
BLU,1	FWS,2	RFW,1	TCE,1
CCF,1	FZL,2	RHW,1	TCV,1
CDW,1	HLS,1	RMT,2	TID,2
CEM,1	HMD,3	RRM,3	TMA,2
CFW,1	HMW,1	RTP,3	TOE,1
CGR,2	HWO,1	RVA,2	TOR,1
CLA,4	HYD,2	RVD,3	TVL,3
CLI,3	HYM,4	RVF,3	UVI,3
CLM,4	HYW,4	RVM,3	VOW,1
CLS,4	LAE,1	RVR,3	WAT,1
CWF,2	LEW,1	RVS,3	WCN,1
DAY,2	LFP,3	RWR,3	WOU,1
DGT,2	LSH,1	RWS,3	WSW,1
DMO,2	LSR,2	RWT,2	WWA,1
DSW,1	MIS,2	SAB,1	ZFP,3
EQI,1	MWS,2	SAW,1	
EQW,1	MWW,1	SCD,4	
ESF,2	NOW,1	SCS,3	

Appendix C – Site List Table

CCCC,ST	KANB,AL	KBUF,NY	KDDC,KS	KFGF,ND
JSPN,PR	KAPC,CA	KBVO,OK	KDEN,CO	KFGZ,AZ
K1V4,VT	KAPD,AK	KBWG,KY	KDEQ,AR	KFLG,AZ
K300,US	KAPN,MI	KBYZ,MT	KDHT,TX	KFLL,FL
K305,US	KAPX,MI	KCAE,SC	KDIX,NJ	KFLO,SC
K396,US	KARA,LA	KCAK,OH	KDLH,MN	KFMN,NM
K400,US	KARB,MI	KCAO,NM	KDMX,IA	KFMY,FL
K405,US	KART,NY	KCAR,ME	KDRT,TX	KFNT,MI
K496,US	KARX,WI	KCBX,ID	KDSM,IA	KFSD,SD
K500,US	KAST,OR	KCCR,CA	KDTN,LA	KFSM,AR
K505,US	KATL,GA	KCCX,PA	KDTW,MI	KFTG,CO
K596,US	KATR,GA	KCDS,TX	KDTX,MI	KFTW,TX
K600,US	KATT,TX	KCEC,CA	KDVN,IA	KFVE,ME
K605,US	KAUO,AL	KCHA,TN	KDVN,A	KFWA,IN
K696,US	KAUS,TX	KCHI,IL	KEAR,NE	KFWD,TX
K700,US	KAVL,NC	KCHS,SC	KEAX,MO	KFWR,TX
K705,US	KAVP,PA	KCIN,OH	KECG,VA	KFWS,TX
K796,US	KBBX,CA	KCKV,TN	KEET,AL	KFYV,AR
K800,US	KBCQ,MO	KCLE,OH	KEHH,US	KGDP,TX
K805,US	KBDL,CT	KCLL,TX	KEHL,US	KGED,DE
K896,US	KBDR,CT	KCLM,SC	KEHU,TX	KGEG,WA
KAAP,FL	KBDU,CO	KCLT,NC	KEKA,CA	KGEG,TX
KAAT,CA	KBET,AK	KCLX,WV	KEKO,NV	KGGM,MT
KABE,PA	KBFF,NE	KCMH,OH	KELD,AR	KGID,NE
KABI,TX	KBFL,CA	KCNK,KS	KELP,TX	KGJT,CO
KABQ,NM	KBGD,MS	KCON,NH	KELY,NV	KGLD,KS
KABR,SD	KBGM,NY	KCOS,CO	KENX,NY	KGLH,MS
KABX,NM	KBGR,ME	KCOU,MO	KEPZ,TX	KGLS,TX
KACG,AK	KBHM,AL	KCPR,WY	KEQI,US	KGNR,ME
KACT,TX	KBIH,CA	KCRE,SC	KERH,NY	KGNT,NM
KACY,NJ	KBIL,MT	KCRH,MO	KERI,PA	KGPI,MT
KAEX,LA	KBIS,ND	KCRP,TX	KESF,LA	KGRB,WI
KAGS,GA	KBLF,WV	KCRS,TX	KEUG,OR	KGRI,NE
KAHN,GA	KBLX,MT	KCRW,WV	KEVV,IN	KGRK,TX
KAIM,AK	KBMX,AL	KCSG,FL	KEVV,WY	KGRR,MI
KAKN,AK	KBNA,TN	KCSV,TN	KEWN,NC	KGSO,NC
KAKQ,VA	KBNO,OR	KCTP,PA	KEWR,NY	KGSP,SC
KALB,NY	KBOI,ID	KCVG,OH	KEWX,TX	KGTF,MT
KALO,IA	KBOS,MA	KCYS,WY	KEYW,FL	KGTX,CO
KALR,GA	KBOU,CO	KCXM,SC	KFAR,ND	KGUP,NM
KALS,CO	KBOX,MA	KDAB,FL	KFAT,CA	KGUY,OK
KALU,AK	KBPT,TX	KDAL,TX	KFAY,NC	KGWO,MS
KALY,NY	KBRO,TX	KDAN,VA	KFCA,MT	KGYX,ME
KAMA,TX	KBTM,MT	KDAY,OH	KFCX,VA	KHAR,PA
KAMG,GA	KBTR,LA	KDBQ,IA	KFFC,GA	KHAT,NC
KAMX,FL	KBTV,VT	KDCA,MD	KFFT,KY	KHBG,MS

KHFD,MA	KLFK,TX	KMLI,IL	KPAH,KY	KSAF,NM
KHGX,TX	KLFT,LA	KMLS,MT	KPBI,FL	KSAN,CA
KHLN,MT	KLGA,NY	KMLU,LA	KPBZ,PA	KSAT,TX
KHMS,WA	KLIT,AR	KMOB,AL	KPDR,OR	KSAV,GA
KHNX,CA	KLIX,LA	KMPC,MD	KPDT,OR	KSBN,IN
KHON,SD	KLKN,NV	KMPV,VT	KPDX,OR	KSBY,MD
KHOU,TX	KLMK,KY	KMPX,MN	KPHI,PA	KSCK,CA
KHRL,TX	KLMT,OR	KMQT,MI	KPHL,PA	KSDF,KY
KHRO,AR	KLND,WY	KMRX,TN	KPHX,AZ	KSEA,WA
KHSI,NE	KLNK,NE	KMRY,CA	KPIA,IL	KSEW,WA
KHSV,AL	KLNX,NE	KMSL,AL	KPIH,ID	KSFO,CA
KHTL,MI	KLOT,IL	KMSN,WI	KPIT,PA	KSFX,ID
KHTX,AL	KLOU,KY	KMSO,MT	KPLB,VT	KSGF,MO
KHUL,ME	KLOX,CA	KMSP,MN	KPNS,FL	KSGX,CA
KHUN,AL	KLRX,NV	KMSR,MN	KPPG,AS	KSHR,MT
KHVR,MT	KLSE,WI	KMSS,VT	KPQR,OR	KSHV,LA
KHWD,CA	KLSX,MO	KMSV,AL	KPRX,TX	KSIL,LA
KICT,KS	KLUB,TX	KMTH,FL	KPSC,WA	KSIY,OR
KILG,DE	KLVK,CA	KMTR,CA	KPSR,AZ	KSJT,TX
KILM,NC	KLVS,NV	KMTX,UT	KPTR,OR	KSJU,PR
KILN,OH	KL VX,KY	KMVL,VT	KPUB,CO	KSLC,UT
KILX,IL	KLWS,WA	KNBC,SC	KPVD,RI	KSLE,OR
KIND,IN	KLWX,MD	KNBD,OR	KPWM,ME	KSLK,VT
KINL,MN	KLYH,VA	KNCF,MD	KRAH,NC	KSLR,UT
KINW,AZ	KLZK,AR	KNEW,LA	KRAP,SD	KSMX,CA
KIPT,PA	KMAF,TX	KNHC,FL	KRAX,NC	KSNS,CA
KISN,ND	KMCI,MO	KNKX,CA	KRBG,OR	KSPC,OK
KISP,NY	KMCN,GA	KNQA,TN	KRDD,CA	KSPI,IL
KITO,HI	KMCO,FL	KNSB,AK	KRDG,PA	KSPN,PR
KIWX,IN	KMEG,TN	KNUQ,CA	KRDU,NC	KSPS,TX
KJAN,MS	KMEI,MS	KNYC,NY	KREV,NV	KSRH,TX
KJAX,FL	KMEM,TN	KNYL,AZ	KRFD,IL	KSRX,AR
KJBR,AR	KMFD,OH	KOAK,CA	KRHA,PA	KSSI,GA
KJCT,TX	KMFE,TX	KOAX,NE	KRIC,VA	KSTC,MN
KJFK,NY	KMFL,FL	KODX,NE	KRIW,WY	KSTL,MO
KJKL,KY	KMFR,OR	KOHW,OH	KRLX,WV	KSTO,CA
KJSC,TX	KMGM,AL	KOHX,TN	KRME,NY	KSTR,UT
KJUA,PR	KMHS,CA	KOKC,OK	KRNK,VA	KSTS,CA
KKEY,FL	KMHX,NC	KOKX,NY	KRNO,NV	KSUX,SD
KKRF,MO	KMIA,FL	KOLM,WA	KROA,VA	KSWB,AK
KLAN,MI	KMKC,MO	KOMA,NE	KROC,NY	KSYR,NY
KLAS,NV	KMKE,WI	KOQT,TN	KROW,NM	KTAE,FL
KLAX,CA	KMKG,MI	KORF,VA	KRSA,CA	KTAR,MA
KLBB,TX	KMKL,TN	KORH,MA	KRST,WI	KTBW,FL
KLBF,NE	KMKO,OK	KORN,LA	KRTN,NM	KTCC,NM
KLBT,NC	KMKX,WI	KOTH,OR	KRTX,OR	KTCL,AL
KLCH,LA	KMLB,FL	KOTX,WA	KRUT,VT	KTFX,MT
KLEX,KY	KMLC,OK	KOUN,OK	KSAC,CA	KTIR,OH

KTLH,FL	KUIL,WA	KWNS,US	PANC,AK	PNSB,AK
KTOI,AL	KUKI,CA	KWRH,WA	PANN,AK	POME,AK
KTOP,KS	KUNR,SD	KWVI,CA	PANT,AK	POTZ,AK
KTOX,ID	KVCT,TX	KYKM,WA	PAOM,AK	PPAQ,AK
KTPA,FL	KVEF,NV	KYNG,OH	PAOT,AK	PSNP,AK
KTRI,TN	KVHW,WA	KYNX,OK	PARH,AK	PSWB,AK
KTSA,OK	KVRB,FL	KYOL,OH	PASN,AK	PT11,GU
KTTN,PA	KVSF,VT	NSTU,AS	PAVD,AK	PTKK,FM
KTUA,OK	KVTN,NE	PABE,AK	PAYA,AK	PTKR,PL
KTUL,OK	KVTX,CA	PABR,AK	PBET,AK	PTTK,FM
KTUP,MS	KVUY,NY	PACD,AK	PBRW,AK	PTTP,FM
KTUR,OK	KWBC,MD	PACR,AK	PCDB,AK	PTYA,FM
KTUS,AZ	KWEX,NE	PADQ,AK	PFAI,AK	PVWS,AK
KTVR,MS	KWHH,US	PAER,AK	PGUM,GU	PWCM,AK
KTWC,AZ	KWHL,US	PAFA,AK	PHFO,HI	PWCZ,AK
KTWF,ID	KWMC,NV	PAFC,AK	PHNL,HI	PWMY,GU
KTWX,KS	KWNA,MO	PAFG,AK	PJNU,AK	PYAK,AK
KTXK,AR	KWNC,MD	PAJK,AK	PKMR,ML	TIST,PR
KTYR,TX	KWNH,MD	PAJN,AK	PLIH,HI	TISX,PR
KTYS,TN	KWNM,US	PAKN,AK	PLTO,HI	TJSJ,PR
KUCR,CA	KWNO,MD	PALU,AK	PMCG,AK	
KUEX,NE	KWNP,US	PAMC,AK	PN15,AK	

Appendix D – Weather Program Listing

GOES-16/17	EMWIN	TSUNAMI PRODUCTS / EMWIN FILE NAMES			
Ref: https://tsunami.gov/?page=product_list					
Region	WMO Header	AWIPS ID	EMWIN FN	TWC	Description
Alaska, British Columbia, U.S. West Coast *	WEPA41 PAAQ	TSUWCA	TSUAQ4US.TXT	NTWC	Segmented Tsunami Warnings, Watches, and Advisories
	WEAK51 PAAQ	TSUAK1	TSUK51US.TXT	NTWC	Tsunami Warnings, Watches, and Advisories
	WEAK61 PAAQ	TSUSPN	TSUSPNUS.TXT	NTWC	Spanish Tsunami Warnings, Watches, and Advisories
	WEAK53 PAAQ	TIBAK1	TSUK53US.TXT	NTWC	Tsunami Information Statements
	WEAK63 PAAQ	TIBSPN	TIBSPNUS.TXT	NTWC	Spanish Tsunami Information Statements
Hawaii *	WEHW40 PHEB	TSUHWX	TSUW40US.TXT	PTWC	Tsunami Warnings, Watches, and Advisories
	WEHW42 PHEB	TIBHWX	TSUW42US.TXT	PTWC	Tsunami Information Statements
American Samoa *	WEZS40 PHEB	TSUPPG	TSUPPGUS.TXT	PTWC	Tsunami Warnings, Watches, and Advisories
	WEZS42 PHEB	TIBPPG	TIBPPGUS.TXT	PTWC	Tsunami Information Statements
Guam, CNMI *	WEGM40 PHEB	TSUGUM	TSUGUMUS.TXT	PTWC	Tsunami Warnings, Watches, and Advisories
	WEGM42 PHEB	TIBGUM	TIBGUMUS.TXT	PTWC	Tsunami Information Statements
Non U.S. Pacific *	WEPA40 PHEB	TSUPAC	TSUA40US.TXT	PTWC	Tsunami Threat Messages
	WEPA42 PHEB	TIBPAC	TIBA42US.TXT	PTWC	Tsunami Information Statements
U.S. Atlantic, Gulf of Mexico, Canada *	WEXX20 PAAQ	TSUAT1	TSUAT1US.TXT	NTWC	Segmented Tsunami Warnings, Watches, and Advisories
	WEXX30 PAAQ	TSUATE	TSUATEUS.TXT	NTWC	Tsunami Warnings, Watches, and Advisories
	WEXX40 PAAQ	TSUSPA	TSUSPNUS.TXT	NTWC	Spanish Tsunami Warnings, Watches, and Advisories
	WEXX32 PAAQ	TIBATE	TIBATEUS.TXT	NTWC	Tsunami Information Statements
	WEXX42 PAAQ	TIBSPA	TIBSPNUS.TXT	NTWC	Spanish Tsunami Information Statements
Puerto Rico, Virgin Islands *	WECA40 PHEB	TSUCAR	TSUCARUS.TXT	PTWC	Tsunami Warnings, Watches, and Advisories
	WECA50 PHEB	TSUSP1	TSUSP1US.TXT	PTWC	Spanish Tsunami Warnings, Watches, and Advisories
	WECA60 PHEB	TSUCA1	TSUCA1US.TXT	PTWC	Segmented Tsunami Warnings, Watches, and Advisories
	WECA42 PHEB	TIBCAR	TSUA42US.TXT	PTWC	Tsunami Information Statements
	WECA52 PHEB	TIBSP1	TIBSP1US.TXT	PTWC	Spanish Tsunami Information Statements
Non U.S., Caribbean *	WECA41 PHEB	TSUCAX	TSUCAXUS.TXT	PTWC	Tsunami Threat Messages
	WECA43 PHEB	TIBCAX	TIBCAXUS.TXT	PTWC	Tsunami Information Statements
Test **	NTXX98 PHEB	TSTMSG	TSTHEBUS.TXT	PTWC	Test Message
	NTXX98 PAAQ	TSTMSG	TSTPAQUS.TXT	NTWC	Test Message
Northwest Pacific *	WEPA40RJTD		PACA40US.TXT	JMA	Northwest Pacific Tsunami Advisory (NWPTA)
* Priority1, VCID-20					
** Priority 2, VCID-20					

Regional Association IV – Hurricane Operational Plan for North America, Central America and the Caribbean

ref: https://www.wmo.int/pages/prog/www/tcp/documents/RA-IV-HC-40-OperationalPlan_en.pdf

TROPICAL CYCLONE WARNING HEADINGS/ ENCABEZAMIENTO DE LOS AVISOS DE CICLON		(Priority 1: VCID-20)		
Country/País	Tropical depression heading/Encabezamiento de depresión tropical	EMWIN FN	Tropical storm or hurricane heading/ Encabezamiento de tormenta tropical o	EMWIN FN
Antigua & Barbuda	WOCA31 TAPA	SPSCA3AT.TXT	WHCA31 TAPA	CFWCA3AT.TXT
Bahamas	WOBA31 MYNN	SPSBA3BA.TXT	WHBA31 MYNN	CFWBA3BA.TXT
Barbados	WOCA31 TBPB	SPSCA3BR.TXT	WHCA31 TBPB	CFWCA3BR.TXT
Belize/Belice	WOCA31 MZBZ	SPSCA3BH.TXT	WHCA31 MZBZ	CFWCA3BH.TXT
Colombia	WOCO01 SKBO	SPSCO1CB.TXT	WHCO01 SKBO	HCDIR1CO.TXT
Costa Rica	WOCA31 MRSJ	SPSCA3CS.TXT	WHCA31 MRSJ	CFWCA3CS.TXT
Cuba	WOCA31 MUHV	SPSCA3CU.TXT	WHCA31 MUHV	CFWCA3CU.TXT
Dominican Republic/ República Dominicana	WOCA31 MDSD	SPSCA3DR.TXT	WHCA31 MDSD	CFWCA3DR.TXT
France (Martinique)/ Francia (Martinica)	WOMR31 TFFF	SPSMR3MR.TXT	WHMR31 TFFF	CFWMR3MR.TXT
France (Guadeloupe)/ Francia (Guadalupe)	WOMF31 TFFR	SPSMF3MF.TXT	WHMF31 TFFR	CFWMF3MF.TXT
Guatemala	WOCA31 MGGT	SPSCA3GU.TXT	WHCA31 MGGT	CFWCA3GU.TXT
Honduras	WOCA31 MHTG	SPSCA3HO.TXT	WHCA31 MHTG	CFWCA3HO.TXT
Jamaica	WOCA31 MKJP	SPSCA3JM.TXT	WHCA31 MKJP	CFWCA3JM.TXT
Mexico/México	WOMX01 MMMX	SPSMX1MX.TXT	WHMX01 MMMX	CFWMX1MX.TXT
	WOMX02 MMMX	SPSMX2MX.TXT	WHMX02 MMMX	CFWMX2MX.TXT
Nicaragua	WOCA31 MNMG	SPSCA3NK.TXT	WHCA31 MNMG	CFWCA3NK.TXT
Panama	WOCA31 MPTO	SPSCA3PM.TXT	WHCA31 MPTO	CFWCA3PM.TXT
Trinidad and Tobago/ Trinidad y Tobago	WOCA31 TTPP	SPSCA3TD.TXT	WHCA31 TTPP	CFWCA3TD.TXT

CANADA HEADINGS FOR TROPICAL CYCLONE		(Priority 1: VCID-20)				
* Language *	Public Tropical Cyclone Information	EMWIN FN	Watch/Warning Tropical Cyclone	EMWIN FN	Tropical Cyclone Technical Discussion	EMWIN FN
* English*	WOCN31 CWHX	SPSN31CN.TXT	WTCN31 CWHX	HAFN31CN.TXT	FXCN31 CWHX	HADN31CN.TXT
	WOCN32 CWHX	SPSN32CN.TXT	WTCN32 CWHX	HAFN32CN.TXT	FXCN32 CWHX	HADN32CN.TXT
	WOCN33 CWHX	SPSN33CN.TXT	WTCN33 CWHX	HAFN33CN.TXT	FXCN32 CWHX	HADN33CN.TXT
	- blank -	-	WWCN31 CWHX	SUMN31CN.TXT	- blank -	-
	- blank -	-	WWCN32 CWHX	SUMN32CN.TXT	- blank -	-
	- blank -	-	WWCN33 CWHX	SUMN33CN.TXT	- blank -	-
* French *	WOCN41 CWHX	SPSN41CN.TXT	WTCN41 CWHX	HAFN41CN.TXT	FXCN41 CWHX	HADN41CN.TXT
	WOCN42 CWHX	SPSN42CN.TXT	WTCN42 CWHX	HAFN42CN.TXT	FXCN42 CWHX	HADN42CN.TXT
	WOCN43 CWHX	SPSN43CN.TXT	WTCN43 CWHX	HAFN43CN.TXT	FXCN43 CWHX	HADN43CN.TXT
	- blank -	-	WWCN41 CWHX	SUMN41CN.TXT	- blank -	-
	- blank -	-	WWCN42 CWHX	SUMN42CN.TXT	- blank -	-
	- blank -	-	WWCN43 CWHX	SUMN43CN.TXT	- blank -	-

USA HEADINGS FOR TROPICAL CYCLONE RELEASES			(Priority 1: VCID-20)
Atlantic, Caribbean, Gulf of Mexico	Public Tropical Cyclone	AWIDS ID	EMWIN FN
	WTNT31 KNHC	TCPAT1	HAPT31US.TXT
	WTNT32 KNHC	TCPAT2	HAPT32US.TXT
	WTNT33 KNHC	TCPAT3	HAPT33US.TXT
	WTNT34 KNHC	TCPAT4	HAPT34US.TXT
	WTNT35 KNHC	TCPAT5	HAPT35US.TXT
	Forecast/Advisory Tropical Cyclone	AWIDS ID	EMWIN FN
	WTNT21 KNHC	TCMAT1	HAFT21US.TXT
	WTNT22 KNHC	TCMAT2	HAFT22US.TXT
	WTNT23 KNHC	TCMAT3	HAFT23US.TXT
	WTNT24 KNHC	TCMAT4	HAFT24US.TXT
	WTNT25 KNHC	TCMAT5	HAFT25US.TXT
	Tropical Cyclone Discussion	AWIDS ID	EMWIN FN
	WTNT41 KNHC	TCDAT1	HADT41US.TXT
	WTNT42 KNHC	TCDAT2	HADT42US.TXT
	WTNT43 KNHC	TCDAT3	HADT43US.TXT
WTNT44 KNHC	TCDAT4	HADT44US.TXT	
WTNT45 KNHC	TCDAT5	HADT45US.TXT	
Eastern North Pacific	Public Tropical Cyclone	AWIDS ID	EMWIN FN
	WTPZ31 KNHC	TCPEP1	HEPZ31US.TXT
	WTPZ32 KNHC	TCPEP2	HEPZ32US.TXT
	WTPZ33 KNHC	TCPEP3	HEPZ33US.TXT
	WTPZ34 KNHC	TCPEP4	HEPZ34US.TXT
	WTPZ35 KNHC	TCPEP5	HEPZ35US.TXT
	Forecast/Advisory Tropical Cyclone	AWIDS ID	EMWIN FN
	WTPZ21 KNHC	TCMEP1	HEFZ21US.TXT
	WTPZ22 KNHC	TCMEP2	HEFZ22US.TXT
	WTPZ23 KNHC	TCMEP3	HEFZ23US.TXT
	WTPZ24 KNHC	TCMEP4	HEFZ24US.TXT
	WTPZ25 KNHC	TCMEP5	HEFZ25US.TXT
	Tropical Cyclone Discussion	AWIDS ID	EMWIN FN
	WTPZ41 KNHC	TCDEP1	HEDZ41US.TXT
	WTPZ42 KNHC	TCDEP2	HEDZ42US.TXT
	WTPZ43 KNHC	TCDEP3	HEDZ43US.TXT
WTPZ44 KNHC	TCDEP4	HEDZ44US.TXT	
WTPZ45 KNHC	TCDEP5	HEDZ45US.TXT	

Honolulu, HI	Public Tropical Cyclone	AWIDS ID	EMWIN FN
	WTPA31 PHFO	TCPCP1	HNPA31US.TXT
	WTPA32 PHFO	TCPCP2	HNPA32US.TXT
	WTPA33 PHFO	TCPCP3	HNPA33US.TXT
	WTPA34 PHFO	TCPCP4	HNPA34US.TXT
	WTPA35 PHFO	TCPCP5	HNPA35US.TXT
	Forecast/Advisory Tropical Cyclone	AWIDS ID	EMWIN FN
	WTPA21 PHFO	TCMCP1	HNPA31US.TXT
	WTPA22 PHFO	TCMCP2	HNPA32US.TXT
	WTPA23 PHFO	TCMCP3	HNPA33US.TXT
	WTPA24 PHFO	TCMCP4	HNPA34US.TXT
	WTPA25 PHFO	TCMCP5	HNPA35US.TXT
TROPICAL CYCLONE SURFACE WIND SPEED PROBABILITIES			(Priority 2: VCID-20)
Region	WMO Header	AWIDS ID	EMWIN FN
Atlantic	FONT11 KNHC	PWSAT1	PWSAT1US.TXT
	FONT12 KNHC	PWSAT2	PWSAT2US.TXT
	FONT13 KNHC	PWSAT3	PWSAT3US.TXT
	FONT14 KNHC	PWSAT4	PWSAT4US.TXT
	FONT15 KNHC	PWSAT5	PWSAT5US.TXT
Eastern Pacific	FOPZ11 KNHC	PWSEP1	PWSEP1US.TXT
	FOPZ12 KNHC	PWSEP2	PWSEP2US.TXT
	FOPZ13 KNHC	PWSEP3	PWSEP3US.TXT
	FOPZ14 KNHC	PWSEP4	PWSEP4US.TXT
	FOPZ15 KNHC	PWSEP5	PWSEP5US.TXT
Central Pacific (issued by CPHC)	FOPA11 PHFO	PWSCP1	PWSCP1US.TXT
	FOPA12 PHFO	PWSCP2	PWSCP2US.TXT
	FOPA13 PHFO	PWSCP3	PWSCP3US.TXT
	FOPA14 PHFO	PWSCP4	PWSCP4US.TXT
	FOPA15 PHFO	PWSCP5	PWSCP5US.TXT

USA HEADINGS FOR ADDITIONAL TROPICAL/ SUBTROPICAL METEOROLOGICAL RELEASES			
--SPECIAL DISTURBANCE STATEMENT		(Priority 2: VCID-20)	
North Atlantic	WONT41 KNHC	DSAAT	* DISCONTINUED
Eastern North Pacific	WOPZ41 KNHC	DSAEP	* REF: SCN 09-10
-- TROPICAL CYCLONES UPDATE		(Priority 1: VCID-20)	
NORTH ATLANTIC	WTNT61 KNHC	TCUAT1	TCUAT1US.TXT
	WTNT62 KNHC	TCUAT2	TCUAT2US.TXT
	WTNT63 KNHC	TCUAT3	TCUAT3US.TXT
	WTNT64 KNHC	TCUAT4	TCUAT4US.TXT
	WTNT65 KNHC	TCUAT5	TCUAT5US.TXT
E. NORTH PACIFIC	WTPZ61 KNHC	TCUEP1	TCUEP1US.TXT
	WTPZ62 KNHC	TCUEP2	TCUEP2US.TXT
	WTPZ63 KNHC	TCUEP3	TCUEP3US.TXT
	WTPZ64 KNHC	TCUEP4	TCUEP4US.TXT
	WTPZ65 KNHC	TCUEP5	TCUEP5US.TXT
-- TROPICAL / SUBTROPICAL WEATHER OUTLOOK		(Priority 2: VCID-20)	
NORTH ATLANTIC	ABNT20 KNHC	TWOAT	HAWT20US.TXT
E. NORTH PACIFIC	ABPZ20 KNHC	TWOEP	HEWZ20US.TXT
-- TROPICAL WEATHER SUMMARY		(Priority 2: VCID-20)	
NORTH ATLANTIC	ABNT30 KNHC	TWSAT	HAST30US.TXT
E. NORTH PACIFIC	ABPZ30 KNHC	TWSEP	HNSNHCUS.TXT
-- TROPICAL WEATHER DISCUSSION		(Priority 2: VCID-20)	
NORTH ATLANTIC	AXNT20 KNHC	TWDAT	HATT20US.TXT
E. NORTH PACIFIC	AXPZ20 KNHC	TWDEP	HETNHCUS.TXT
-- SATELLITE - DERIVED RAINFALL			
EASTERN CARIBBEAN	TCCA21 KNHC		* NOT AVAILABLE *
CENTRAL CARIBBEAN	TCCA22 KNHC		* NOT AVAILABLE *
WESTERN CARIBBEAN	TCCA23 KNHC		* NOT AVAILABLE *
-- TROPICAL NUMERICAL GUIDANCE MESSAGE			
TROPICAL NORTH ATLANTIC/CARIBBEAN	FACA20 KWBC		* NOT AVAILABLE *