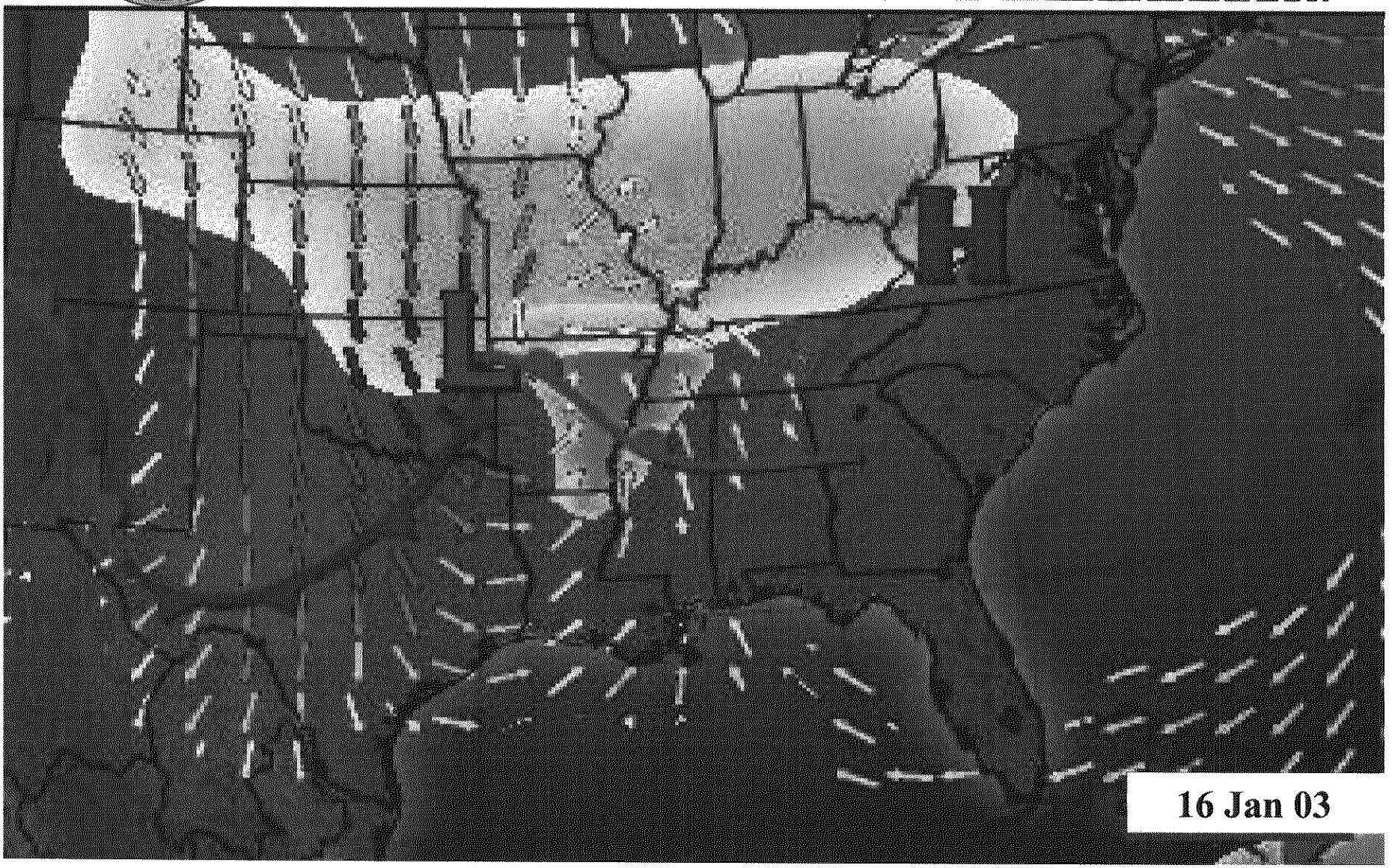
NASA

SECTION 39

Forecast Summary



STS-107 Tanking Forecast

Clouds: FEW 040

Visibility: 7 Miles

Winds: 04008 Knots

Weather: None

Temp: 57 F

Probability of KSC Wx Prohibiting Tanking: 0%

Issued 14 / 0700L

STS-107 Launch Forecast

Clouds: **FEW 040**

Visibility: **7 Miles**

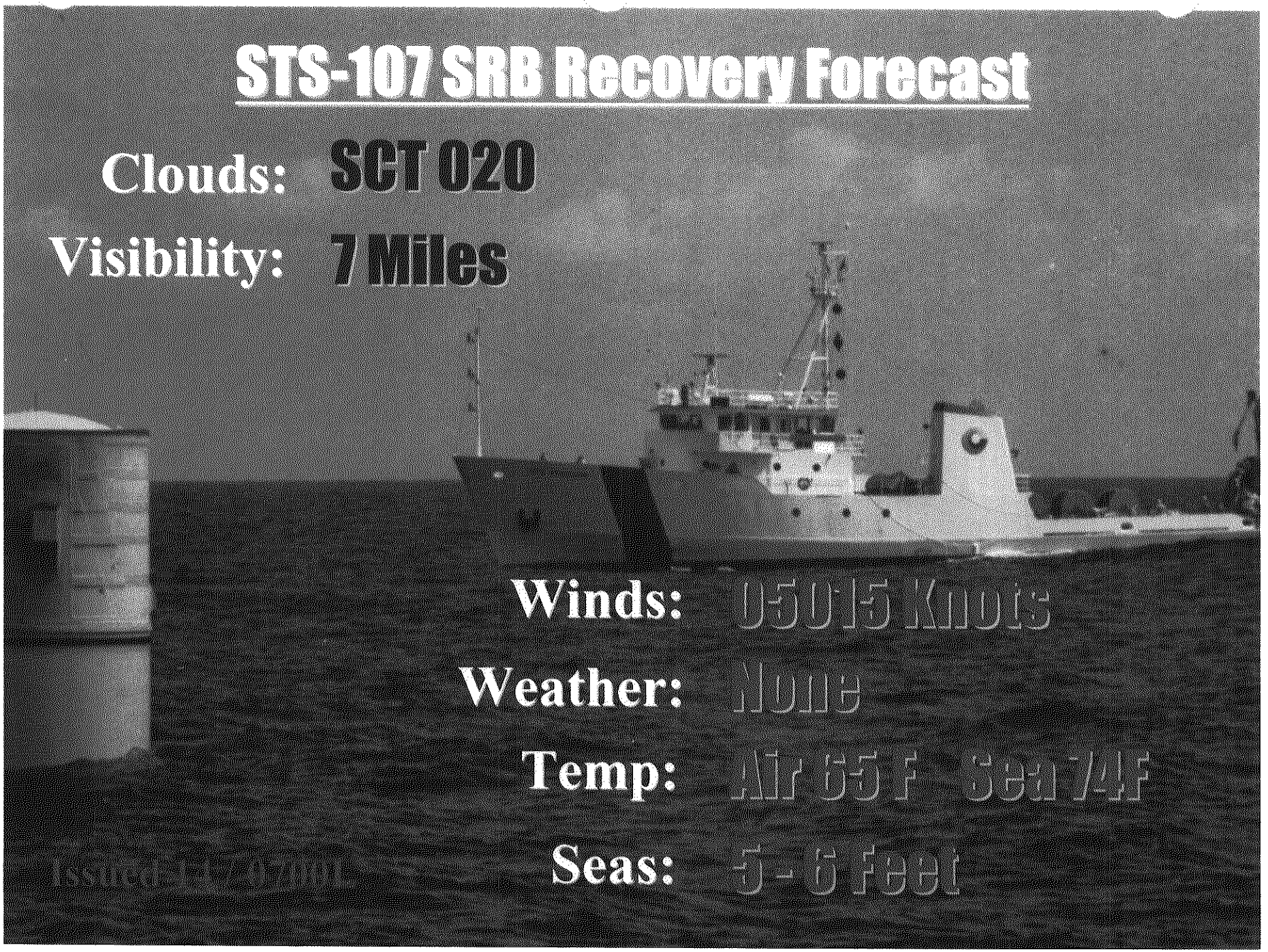
Winds: **06010 P 14 Knots**

Weather: **None**

Temp: **62 - 66 F**

Probability of KSC Wx Prohibiting Launch: 5%

Issued 14 / 0700L


STS-107 SRB Recovery Forecast
Clouds: SCT 020
Visibility: 7 Miles
Winds: 05015 Knots
Weather: None
Temp: Air 65 F Sea 74F
Seas: 5 - 6 Feet

STS-107 24-hr Delay Forecast

Clouds: **SCT 040 BKN 080 BKN 250**

Visibility: **7 Miles**

Winds: **27015 P 20 Knots**

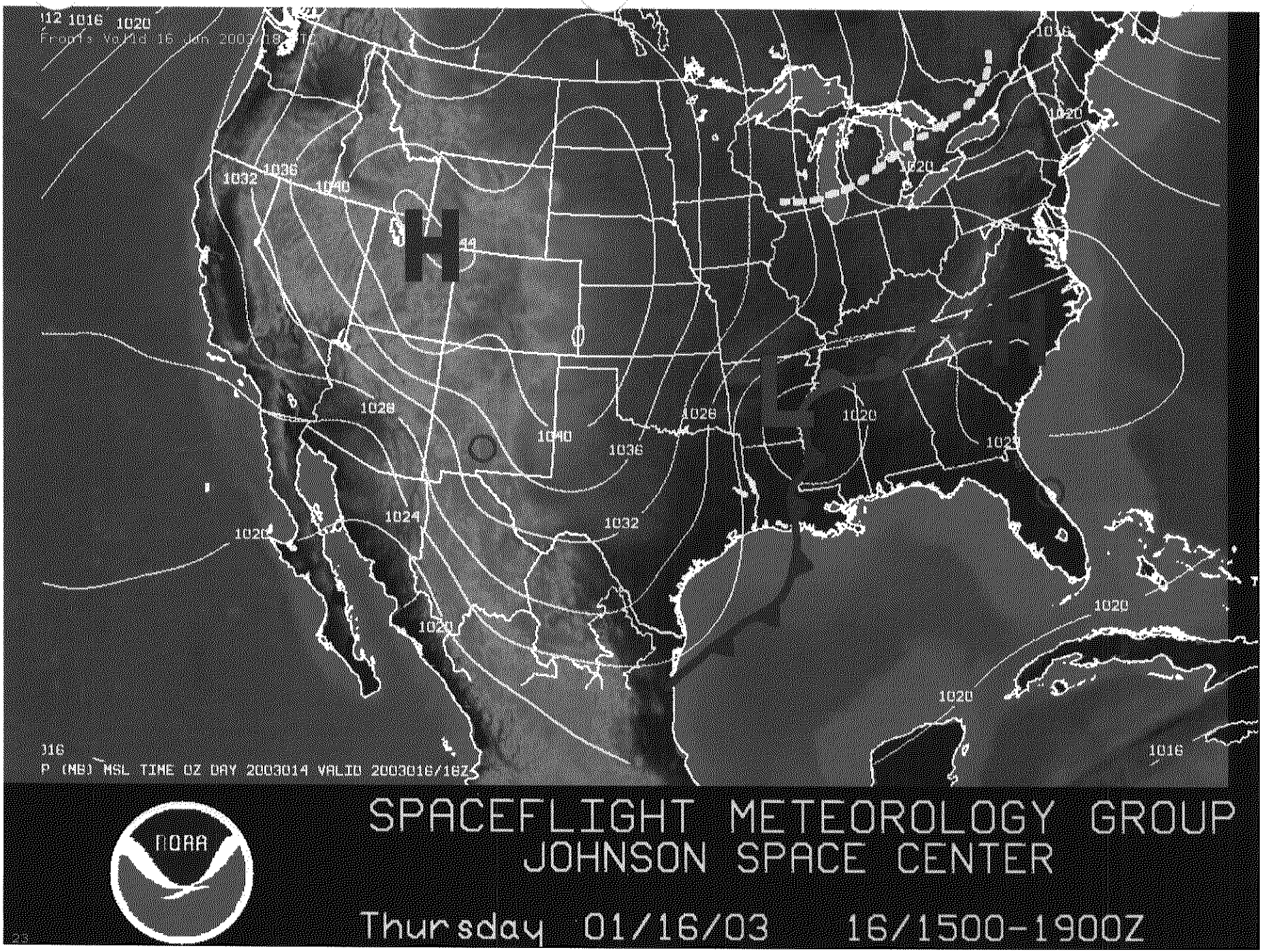
Weather: **Showers Vicinity**

Temp: **65 - 68 F**

Probability of KSC Wx Prohibiting Launch: 60%

Issued 14 / 0700L

LANDIN WEATHER



CONUS DAY 1 LANDING FORECASTS

STS-107

ISSUED: Tuesday Jan. 14, 2003 1800Z
Tuesday Jan. 14, 2003 1200CST

KSC	Valid: Thursday 1604 UTC	(Thursday 1004 CST)	
RTLS	FEW040	7 SM	06007P12 KT
			RWY 15/33 X=12 H/T=1
EDW	Valid: Thursday 1725 UTC	(Thursday 1125 CST)	
AOA	SCT250	7 SM	04015P25 KT
	AFT 20Z WND 04025P35		RWY 22/04 X=2 H/T=25
NOR	Valid: Thursday 1726 UTC	(Thursday 1126 CST)	
PLS	FEW250	7 SM	02012P18 KT
			RWY 17/35 X=7 H/T=16

TAL [redacted] CONUS [redacted]

SAVE GIF

Fronts Valid 17 Jan 2003/18 TO
1016
1020
1024
1028
1032
1036
1012
P (MB) MSL TIME 0Z DAY 2003014 VALID 2003017/18Z
NOAA
SPACEFLIGHT METEOROLOGY GROUP
JOHNSON SPACE CENTER
Friday 01/17/03 17/1500-1900Z

CONUS DAY 2 LANDING FORECASTS

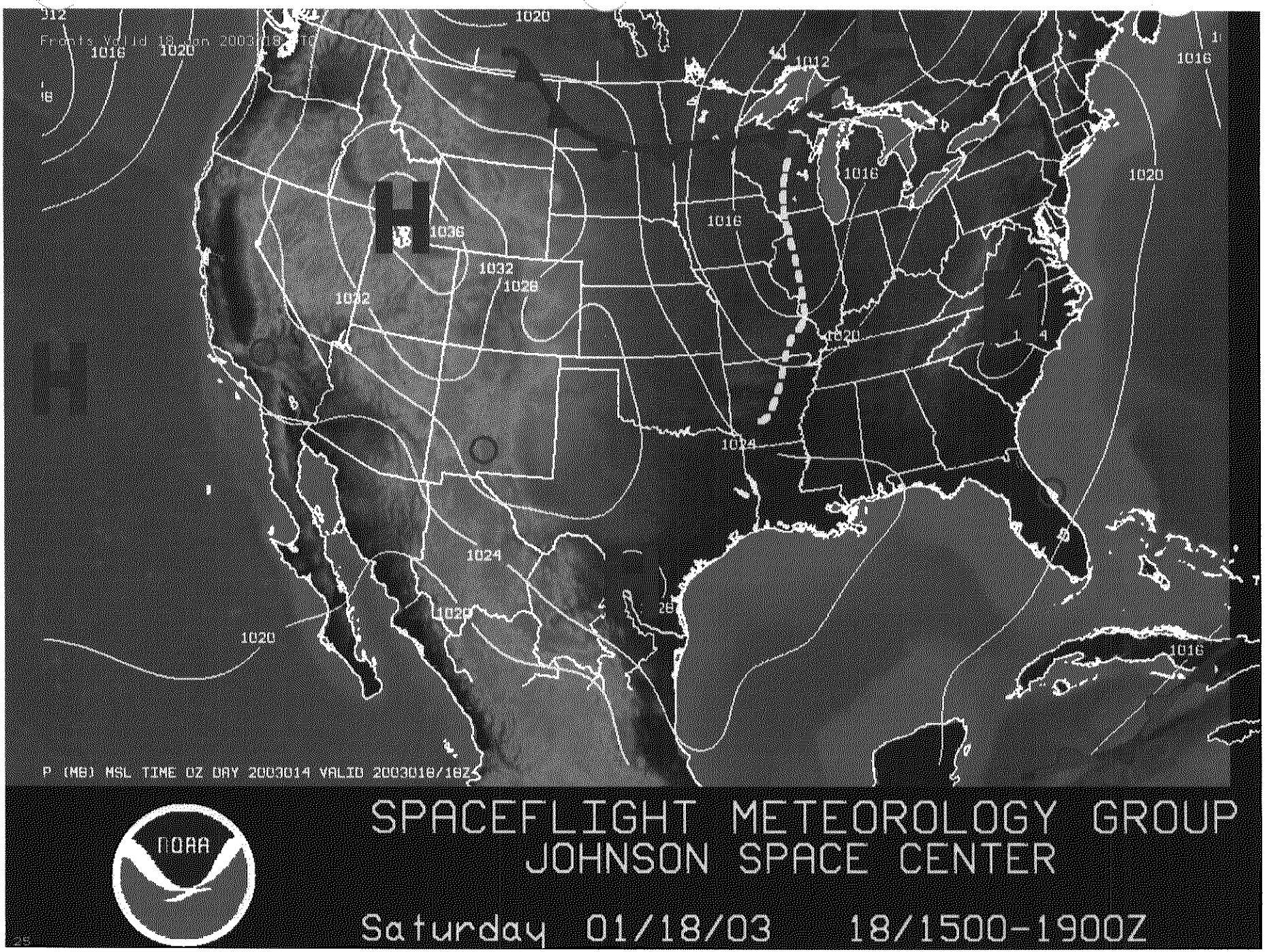
STS-107

ISSUED: Tuesday Jan. 14, 2003 1800Z
Tuesday Jan. 14, 2003 1200CST

KSC	Valid: Friday 1604 UTC (Friday 1004 CST)	
	SCT040 BKN080 BKN300 7 SM	27012P18 KT
	SHRA WI 20 NM	RWY 15/33 X=16 H/T=8
EDW	Valid: Friday 1725 UTC (Friday 1125 CST)	
	SCT250 7 SM	04015P25 KT
		RWY 22/04 X=2 H/T=25
NOR	Valid: Friday 1726 UTC (Friday 1126 CST)	
	FEW250 7 SM	27003P05 KT
		RWY 17/35 X=5 H/T=0

TAL DAY1 DAY2 DAY3 PRINT AND SAVE GIF EXIT CONUS DAY1 DAY2 DAY3

SAVE GIF


Fronts Valid 18 Jan 2003
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1016
P (MB) MSL TIME OZ DAY 2003014 VALID 2003018/18Z
SPACEFLIGHT METEOROLOGY GROUP
JOHNSON SPACE CENTER
NOAA
Saturday 01/18/03 18/1500-1900Z

CONUS DAY 3 LANDING FORECASTS

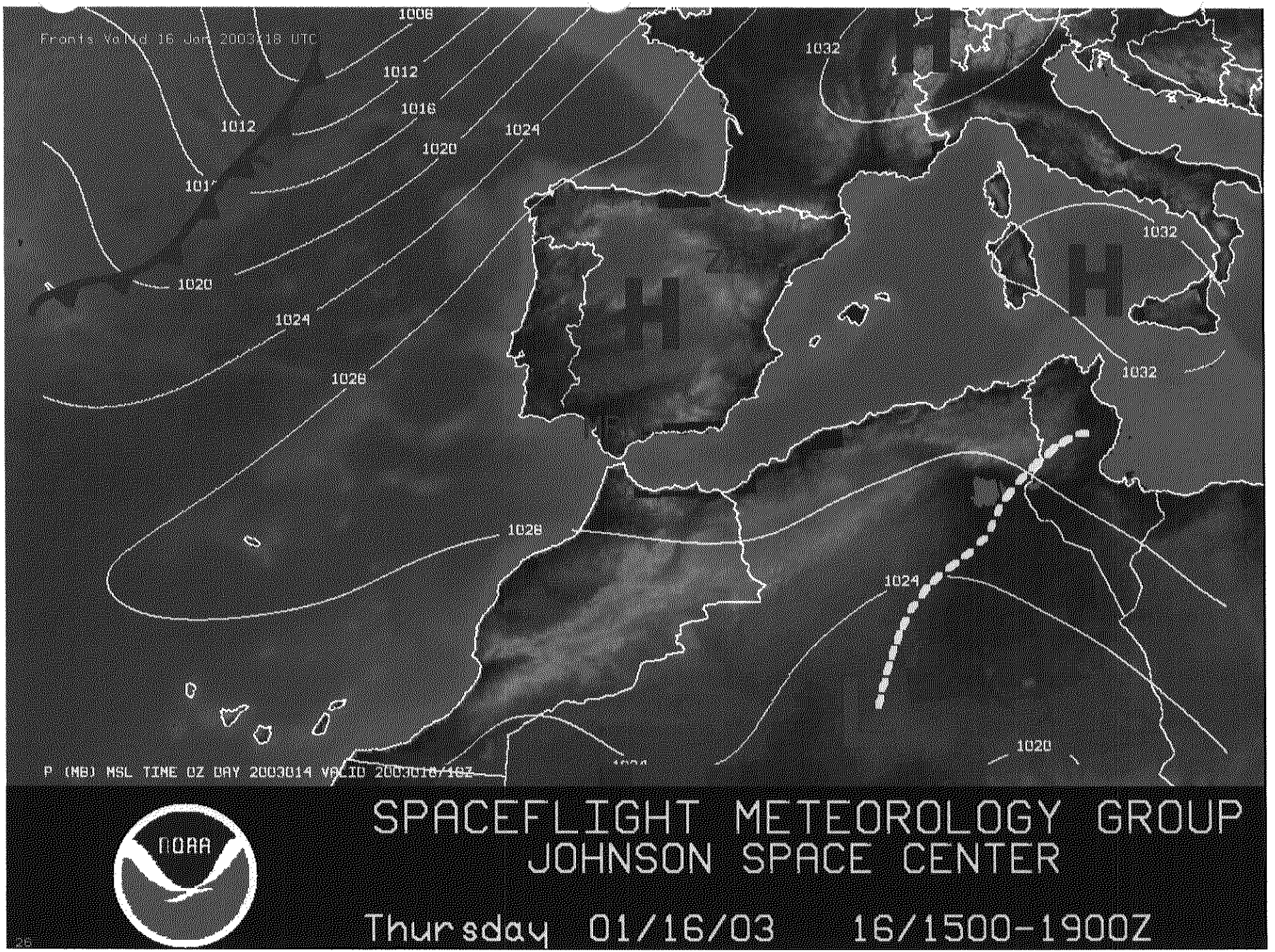
STS-107

ISSUED: Tuesday Jan. 14, 2003 1800Z
Tuesday Jan. 14, 2003 1200CST

KSC	Valid: Saturday 1603 UTC	(Saturday 1003 CST)	
	SCT030 BKN200	7 SM	35007P10 KT
			RWY 15/33 X=3 H/T=10
EDW	Valid: Saturday 1724 UTC	(Saturday 1124 CST)	
	FEW250	7 SM	04015P25 KT
			RWY 22/04 X=2 H/T=25
NOR	Valid: Saturday 1725 UTC	(Saturday 1125 CST)	
	FEW040	7 SM	04007P10 KT
			RWY 17/35 X=7 H/T=7

TAL DAY1 DAY2 DAY3 CONUS DAY1 DAY2 DAY3

SAVE GIF


Fronts Valid 16 Jan 2003 18 UTC
1008
1012
1016
1020
1024
1028
1032
P (MB) MSL TIME 0Z DAY 2003014 VALID 2003016/18Z
SPACEFLIGHT METEOROLOGY GROUP
JOHNSON SPACE CENTER
Thursday 01/16/03 16/1500-1900Z
NOAA

TAL DAY 1 LANDING FORECASTS

STS-107

ISSUED: Tuesday Jan. 14, 2003 1800Z
Tuesday Jan. 14, 2003 1200CST

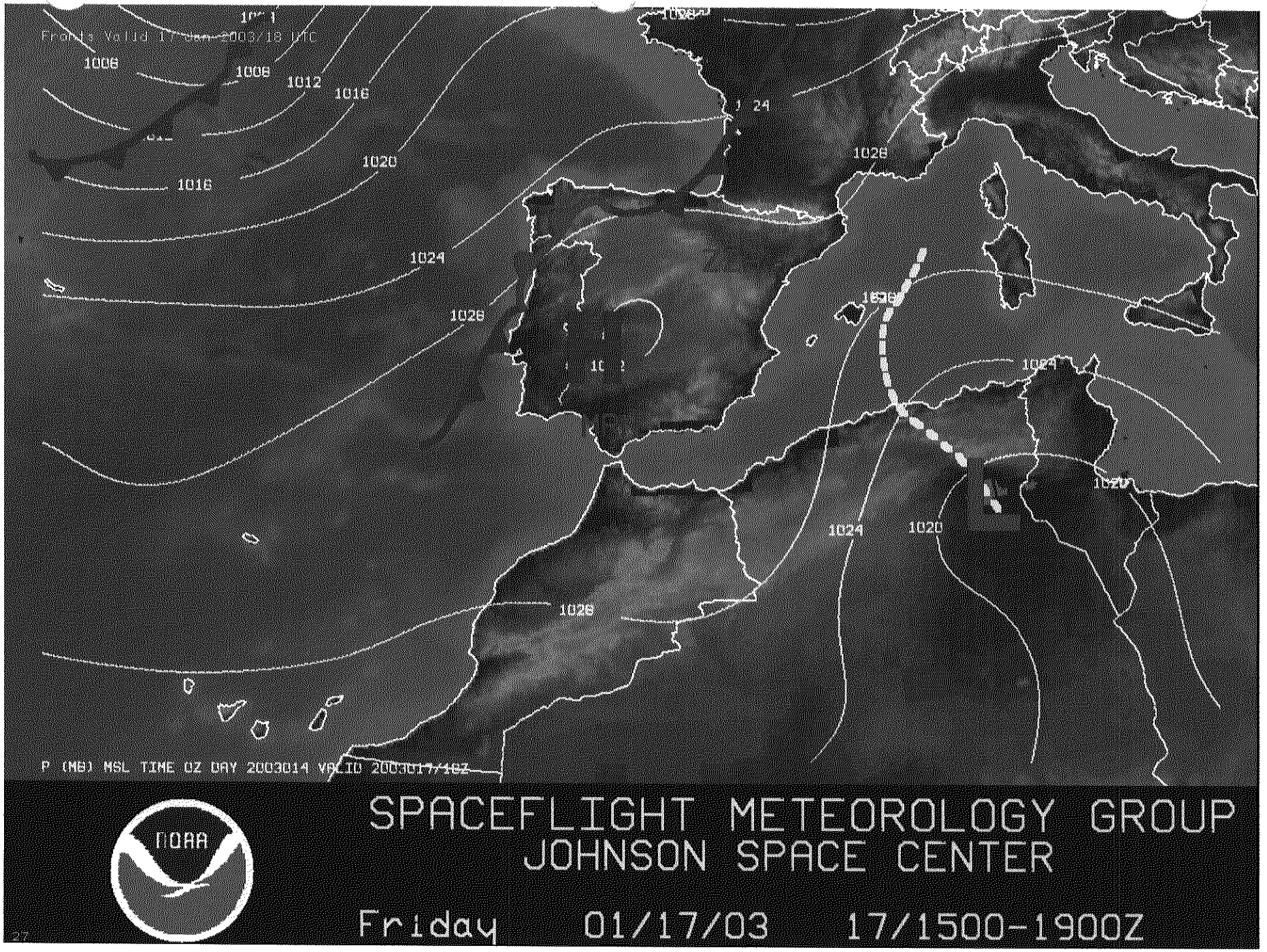
MRN	Valid: Thursday 1614 UTC (Thursday 1014 CST)			
	FEW040 FEW250	7 SM		05004P06 KT
				RWY 02/20 X=3 H/T=5
ZZA	Valid: Thursday 1614 UTC (Thursday 1014 CST)			
	FEW030 FEW250	6 SM	HZ	12004P06 KT
				RWY 12/30 X=0 H/T=6

TAL [redacted]

[redacted]

CONUS [redacted]

SAVE GIF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P (MB) MSL TIME OZ DAY 2003014 VALID 2003017/18Z
NOAA
SPACEFLIGHT METEOROLOGY GROUP
JOHNSON SPACE CENTER
Friday 01/17/03 17/1500-1900Z

TAL DAY 2 LANDING FORECASTS

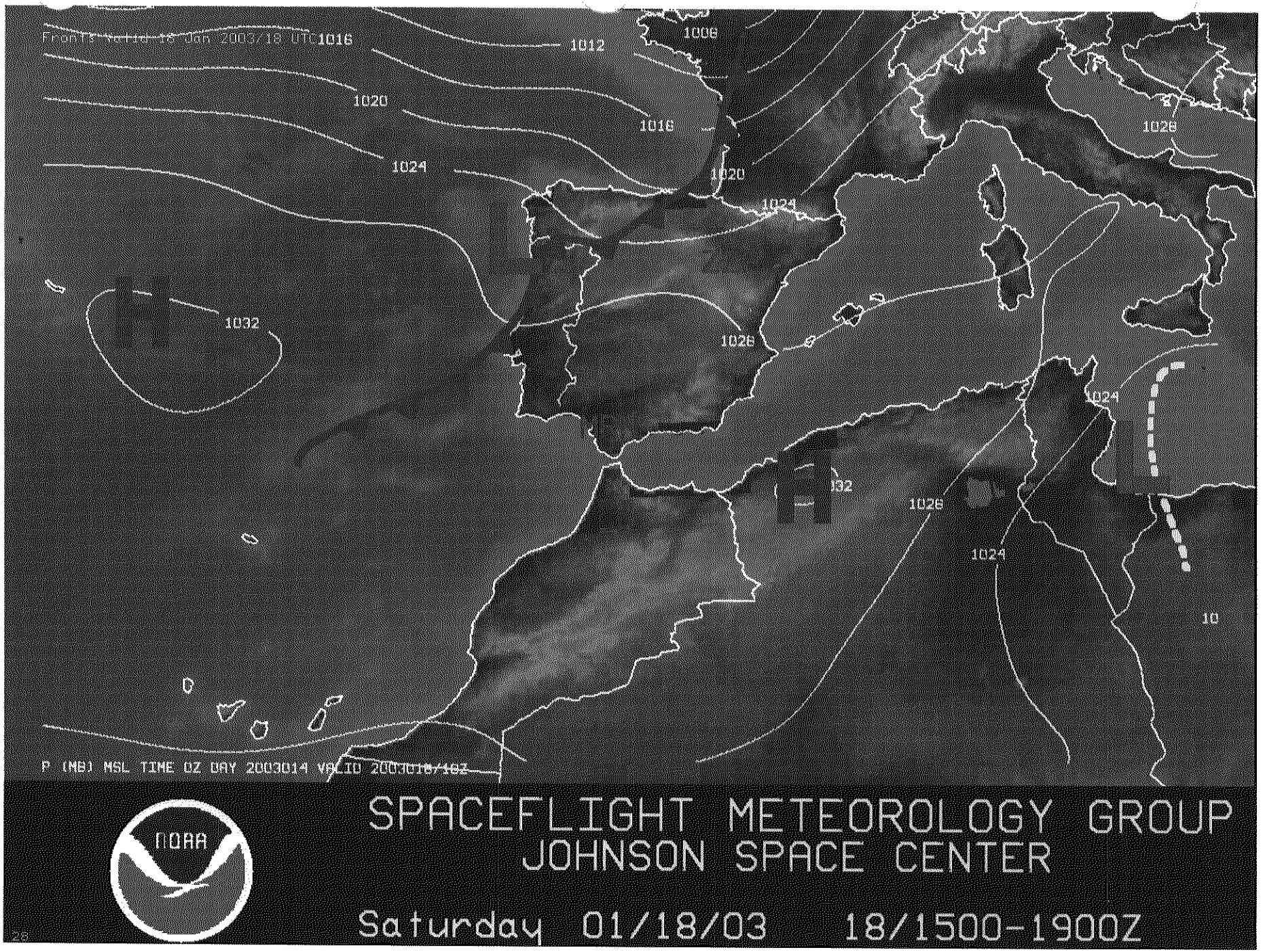
STS-107

ISSUED: Tuesday Jan. 14, 2003 1800Z
Tuesday Jan. 14, 2003 1200CST

MRN	Valid: Friday 1614 UTC (Friday 1014 CST)		
	FEW035 FEW100	7 SM	30005P07 KT
			RWY 02/20 X=7 H/T=1
ZZA	Valid: Friday 1614 UTC (Friday 1014 CST)		
	FEW030 SCT080	7 SM	28010P15 KT
	CHC SHRA WI 20 NM		RWY 12/30 X=6 H/T=14

TAL [redacted] CONUS [redacted]

SAVE GIF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1024
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1028
1024
10
P (MB) MSL TIME OZ DAY 2003014 VALID 2003018/182
NOAA
SPACEFLIGHT METEOROLOGY GROUP
JOHNSON SPACE CENTER
Saturday 01/18/03 18/1500-1900Z

TAL DAY 3 LANDING FORECASTS

STS-107

ISSUED: Tuesday Jan. 14, 2003 1800Z
Tuesday Jan. 14, 2003 1200CST

MRN	Valid: Saturday 1613 UTC	(Saturday 1013 CST)	
	SCT035 SCT100	7 SM	23005P08 KT
			RWY 02/20 X=4 H/T=7
ZZA	Valid: Saturday 1613 UTC	(Saturday 1013 CST)	
	BKN030 BKN080	7 SM	29014P22 KT
	CHC SHRA WI 20 LT TURBC BLO 070		RWY 12/30 X=5 H/T=22

TAL [redacted]

[redacted] [redacted]

CONUS [redacted]

SAVE GIF