# Airborne Instrumentation Research Project
Applications Research Report

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ALASKA HIGH ALTITUDE
PHOTOGRAPHY PROGRAM

SUMMARY OF ACQUISITION

1978 - 1986
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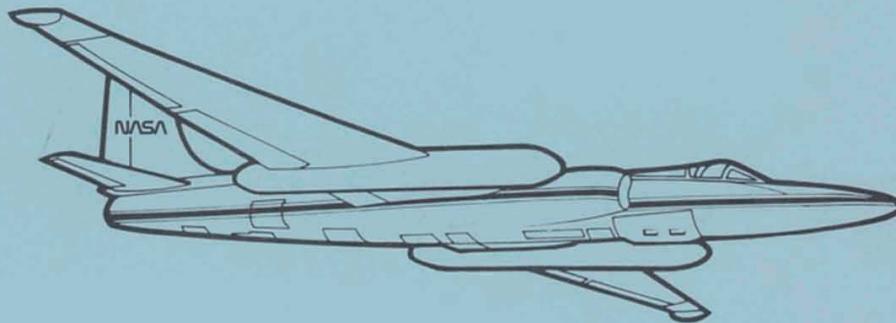
Science and Applications Aircraft Division

NASA

National Aeronautics and
Space Administration

**Ames Research Center**
Moffett Field, California 94035

# ALASKA HIGH ALTITUDE PHOTOGRAPHY PROGRAM

SUMMARY OF ACQUISITION

1978 - 1986

This summary is a graphical representation of high altitude photographic coverage of the State of Alaska flown in support of the consortium of Federal/State agencies. This series of twenty overlays are 1:2.5 million Transverse Mercator projection plots of center points of 1:60,000 color infrared photography with 10 percent cloud cover or less. The overlays are scaled to fit the US Geological Survey Topographical Map Index. In addition to the depiction of center points, each overlay lists the appropriate flight numbers associated with the coverage as a guide to more rapid access and retrieval.

ALASKA COVERAGE KEY
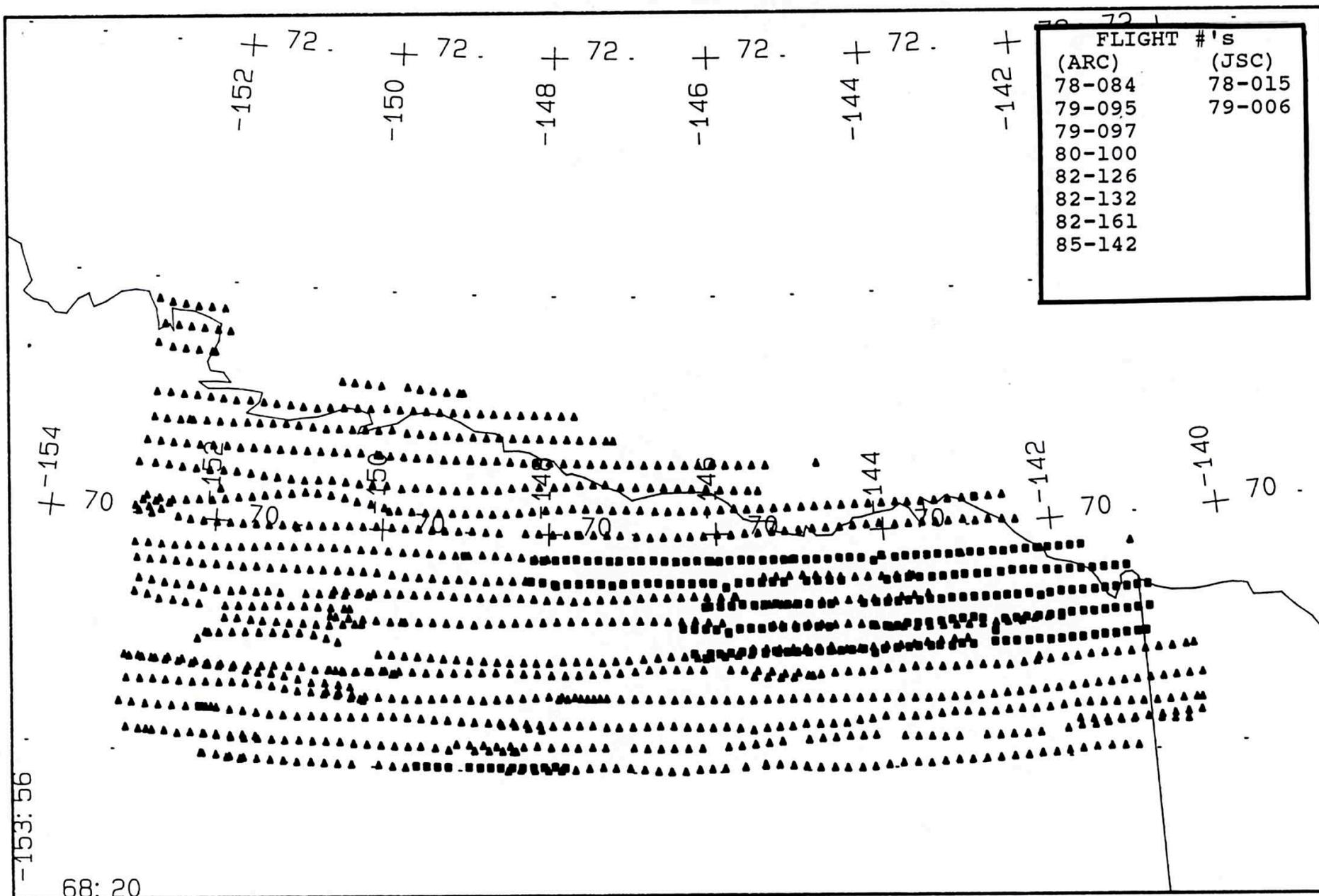
SCALE 1:9000000

LAMBERT CONFORMAL PROJECTION

SP1: 60 SP2: 20 CM: 150

NASA COVERAGE - SHEET 1

FLIGHT #'s
(ARC)   (JSC)
79-095
79-097
80-098
80-100
82-122
82-126
82-131
83-133
85-142
85-150

QUAD 1 ▲ = AMES ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 2

FLIGHT #'s

(ARC)	(JSC)
78-084	78-015
79-095	79-006
79-097	
80-100	
82-126	
82-132	
82-161	
85-142	

QUAD 2 ▲ = AMES ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 3

FLIGHT #'s

(ARC)	(JSC)
78-083	78-008
78-086	78-009
78-087	78-012
79-093	78-013
79-096	78-020
80-098	
80-099	
81-125	
82-131	
85-141	
85-142	
85-143	
85-149	
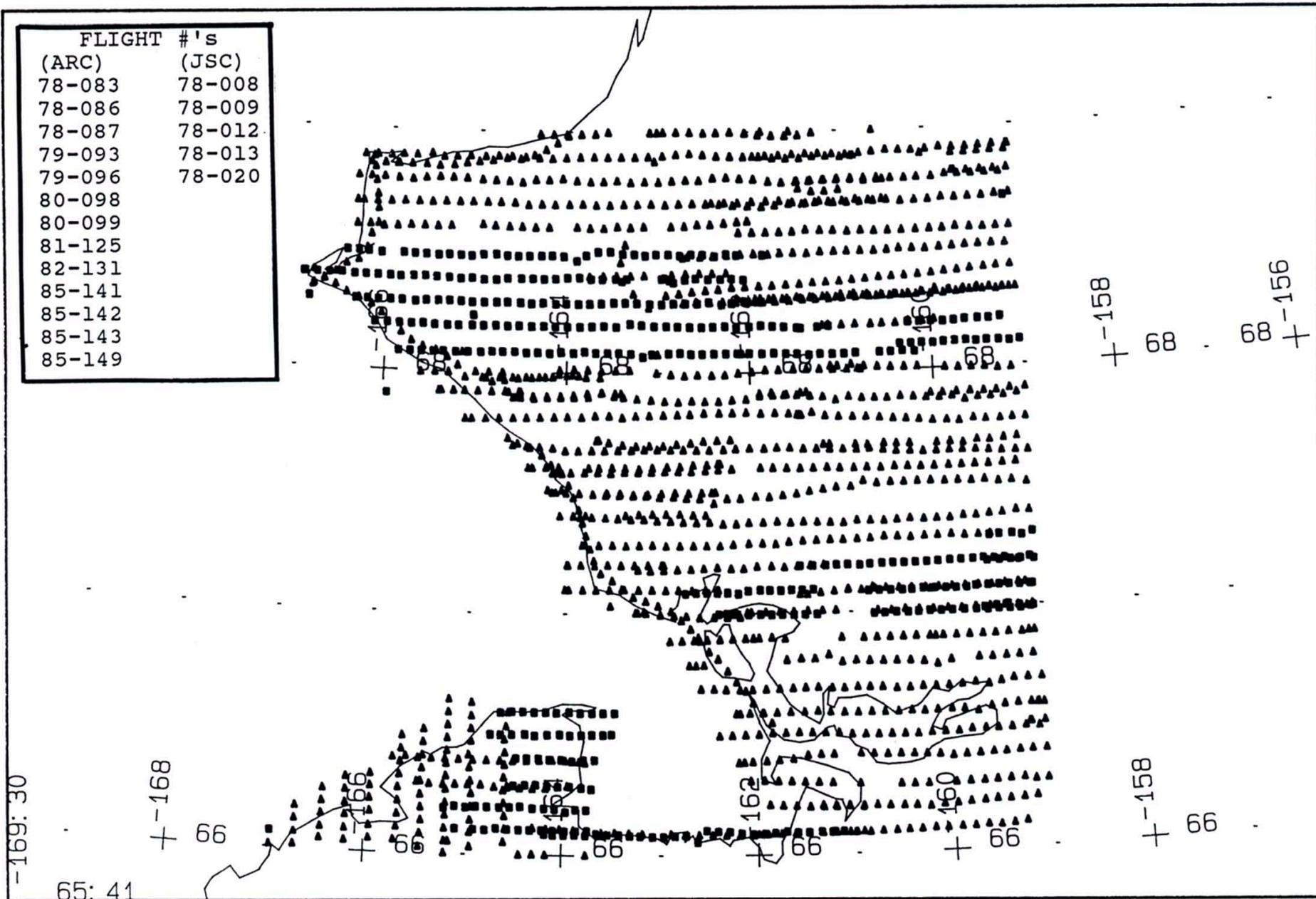
QUAD 3 ▲ = AMES ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = −150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 4

FLIGHT #'s	
(ARC)	(JSC)
78-083	78-010
78-084	78-013
78-087	78-018
79-093	78-019
79-095	78-020
79-096	78-021
79-111	79-006
80-089	80-023
80-098	
80-099	
80-110	
81-125	
81-127	
81-131	
82-131	
82-132	
82-163	
83-133	
83-138	
85-142	
85-149	
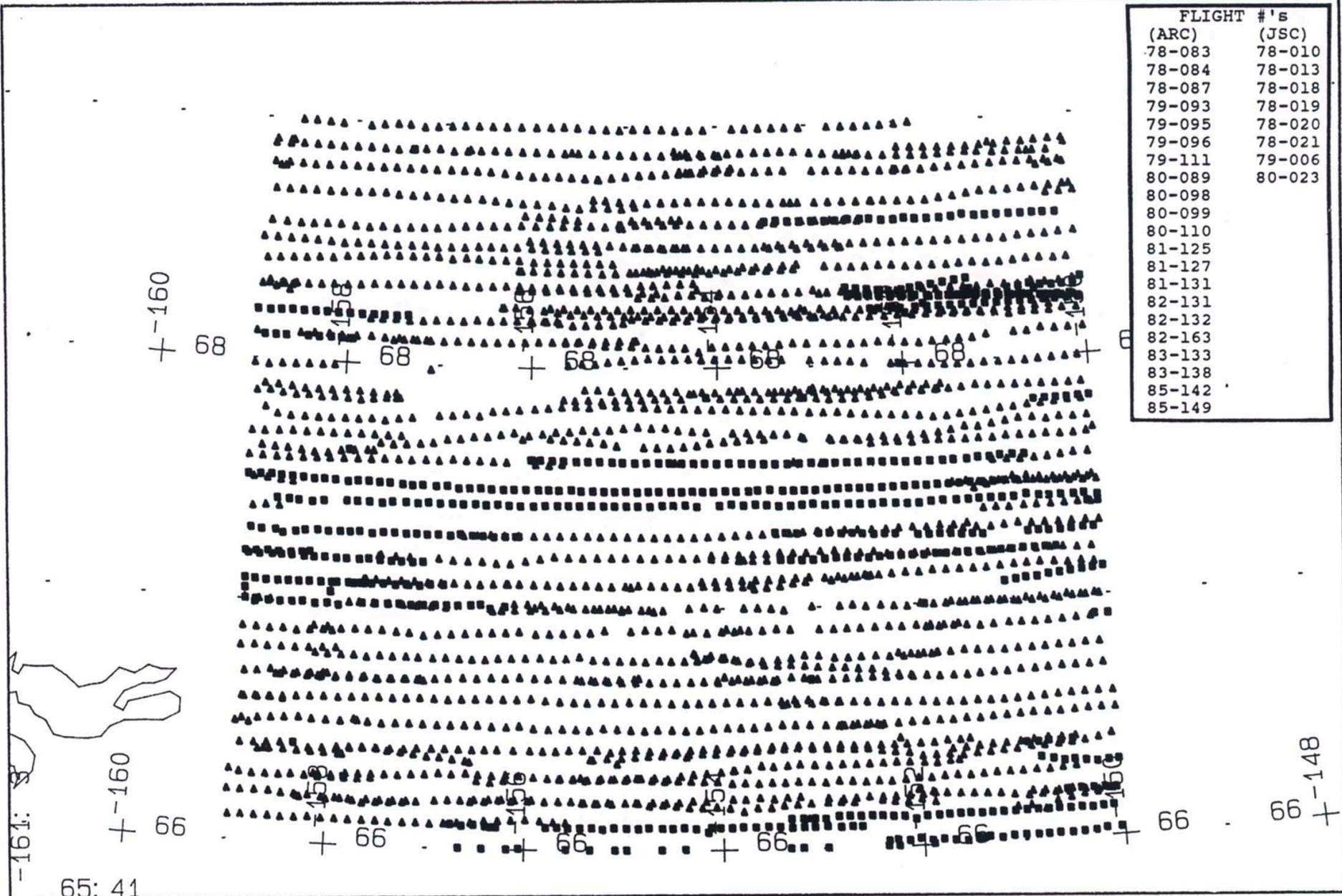
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TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 5
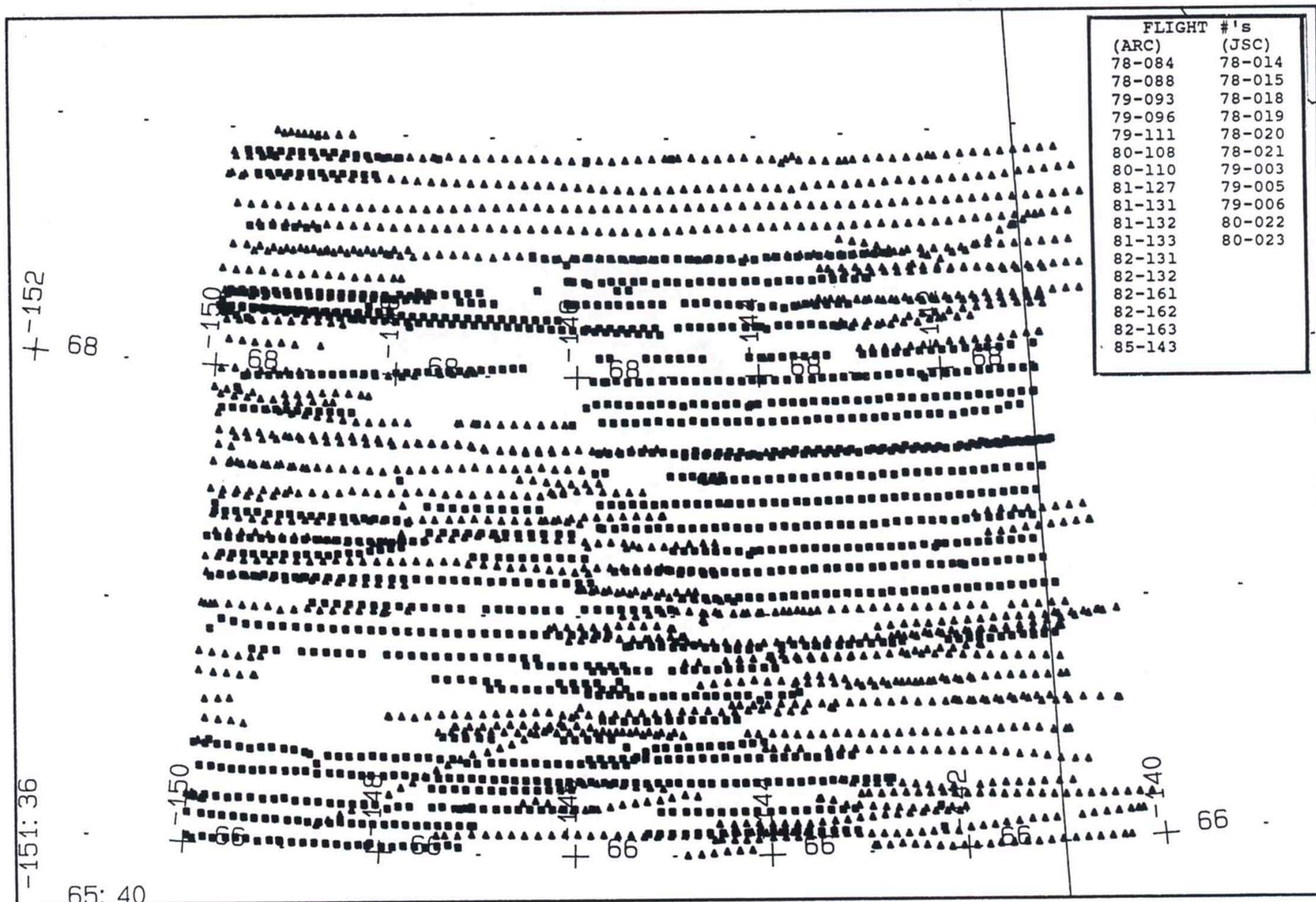
QUAD 5 ▲ = AMES ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 6

-172 66

-170 66

-168 66

-166 66

-164 66

-174 64

-172 64

-170 64

-168 64

-166 64

-164 64
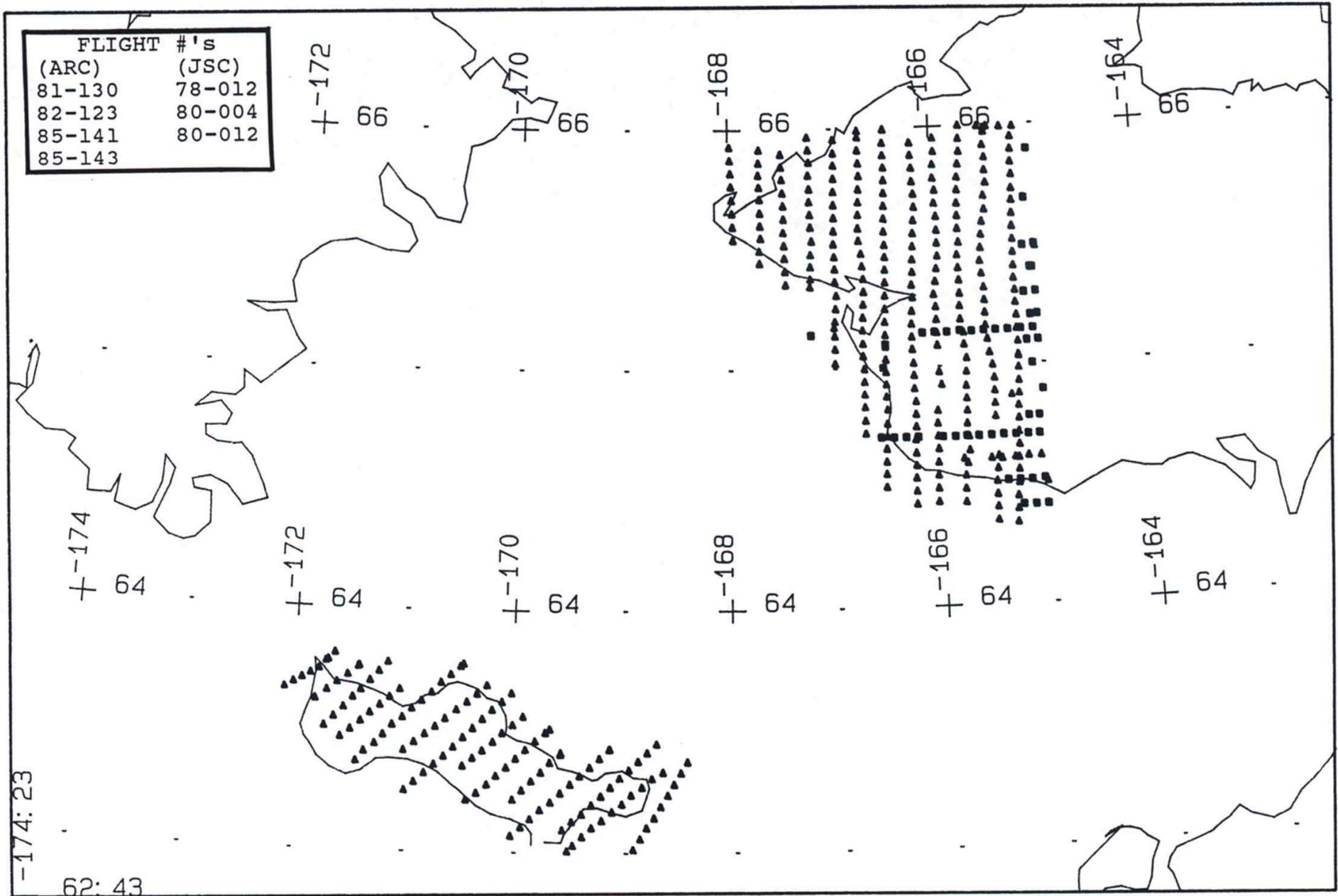
-174: 23

62: 43

QUAD 6 ▲ = AMES ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 7

FLIGHT #'s	
(ARC)	(JSC)
78-083	78-009
80-089	78-012
80-090	80-004
80-094	80-012
80-095	80-016
80-099	
81-124	
81-130	
81-131	
81-136	
82-123	
82-163	
85-141	
85-143	

-168   -166   -164   -162   -160   -158

66   66   66   66   66

64   64   64   64   64

-169:51

62:41
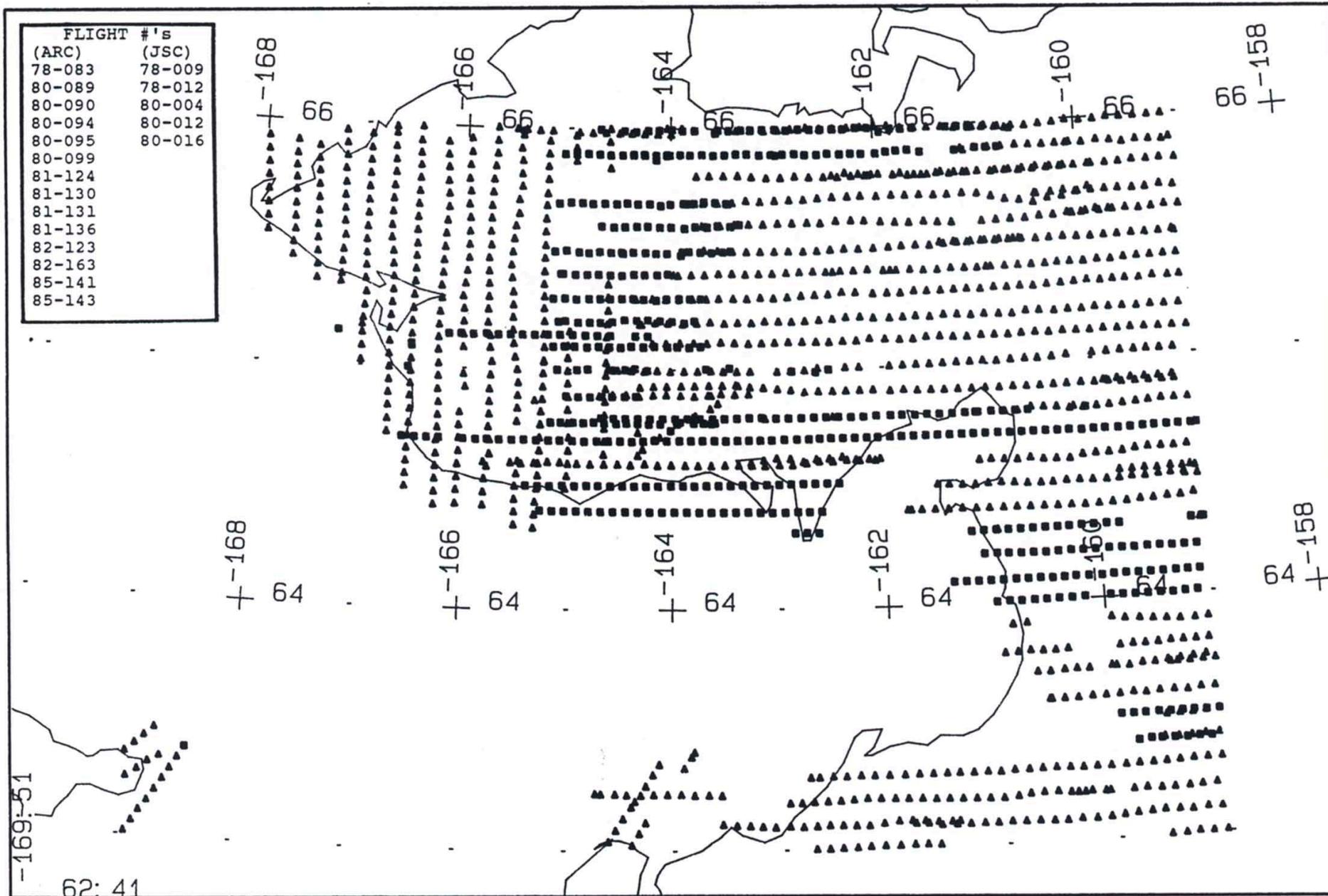
QUAD 7   ▲ = AMES   ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 8
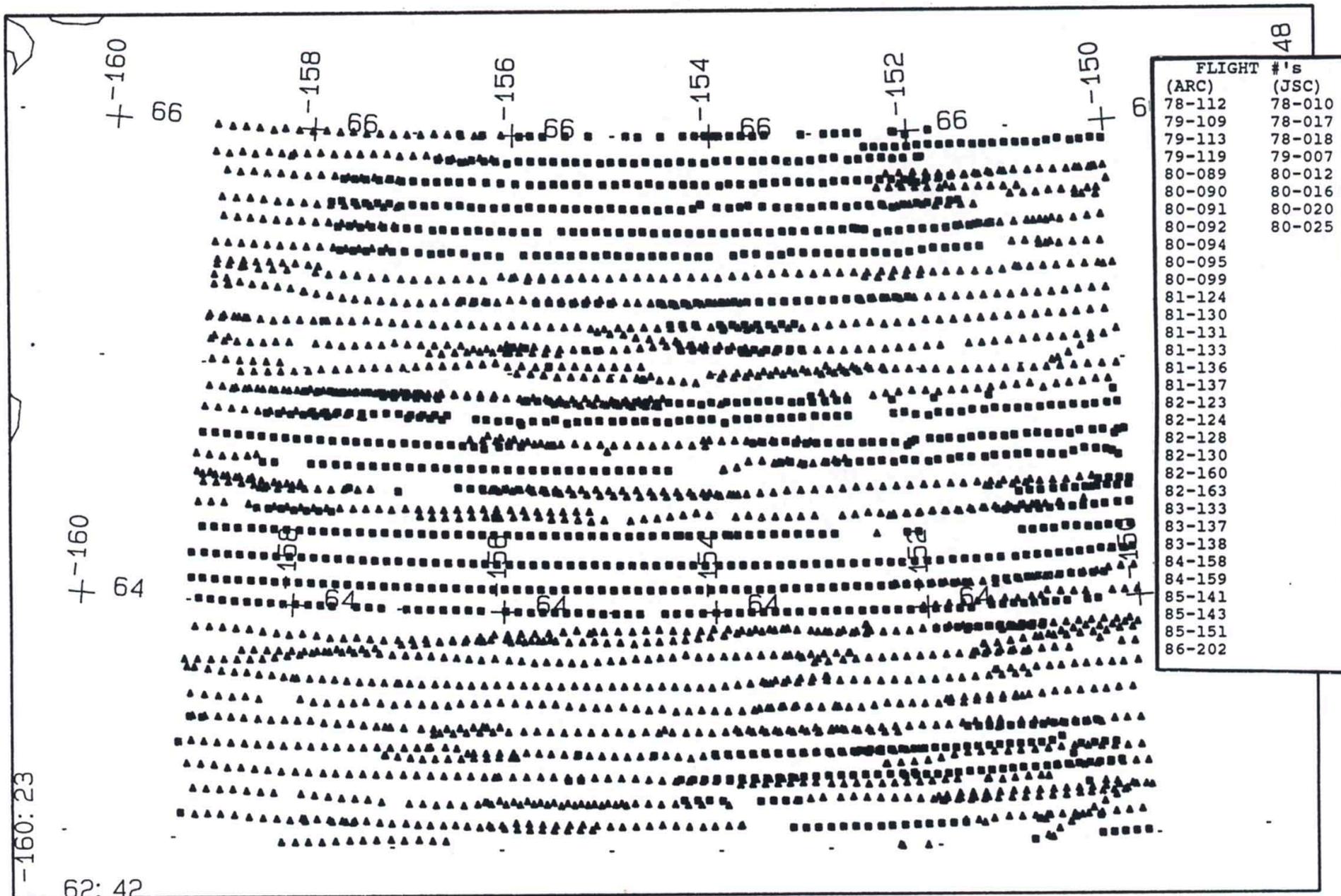
FLIGHT #'s	
(ARC)	(JSC)
78-112	78-010
79-109	78-017
79-113	78-018
79-119	79-007
80-089	80-012
80-090	80-016
80-091	80-020
80-092	80-025
80-094	
80-095	
80-099	
81-124	
81-130	
81-131	
81-133	
81-136	
81-137	
82-123	
82-124	
82-128	
82-130	
82-160	
82-163	
83-133	
83-137	
83-138	
84-158	
84-159	
85-141	
85-143	
85-151	
86-202	

QUAD 8 ▲ = AMES ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 9

QUAD 9 ▲ = AMES ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 10

FLIGHT #'s

(ARC)	(JSC)
78-080	80-011
80-090	80-013
80-091	80-014
80-092	
80-094	
80-095	
82-130	
83-138	
84-154	
84-156	
84-161	

QUAD 10   ▲ = AMES   ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = −150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 11
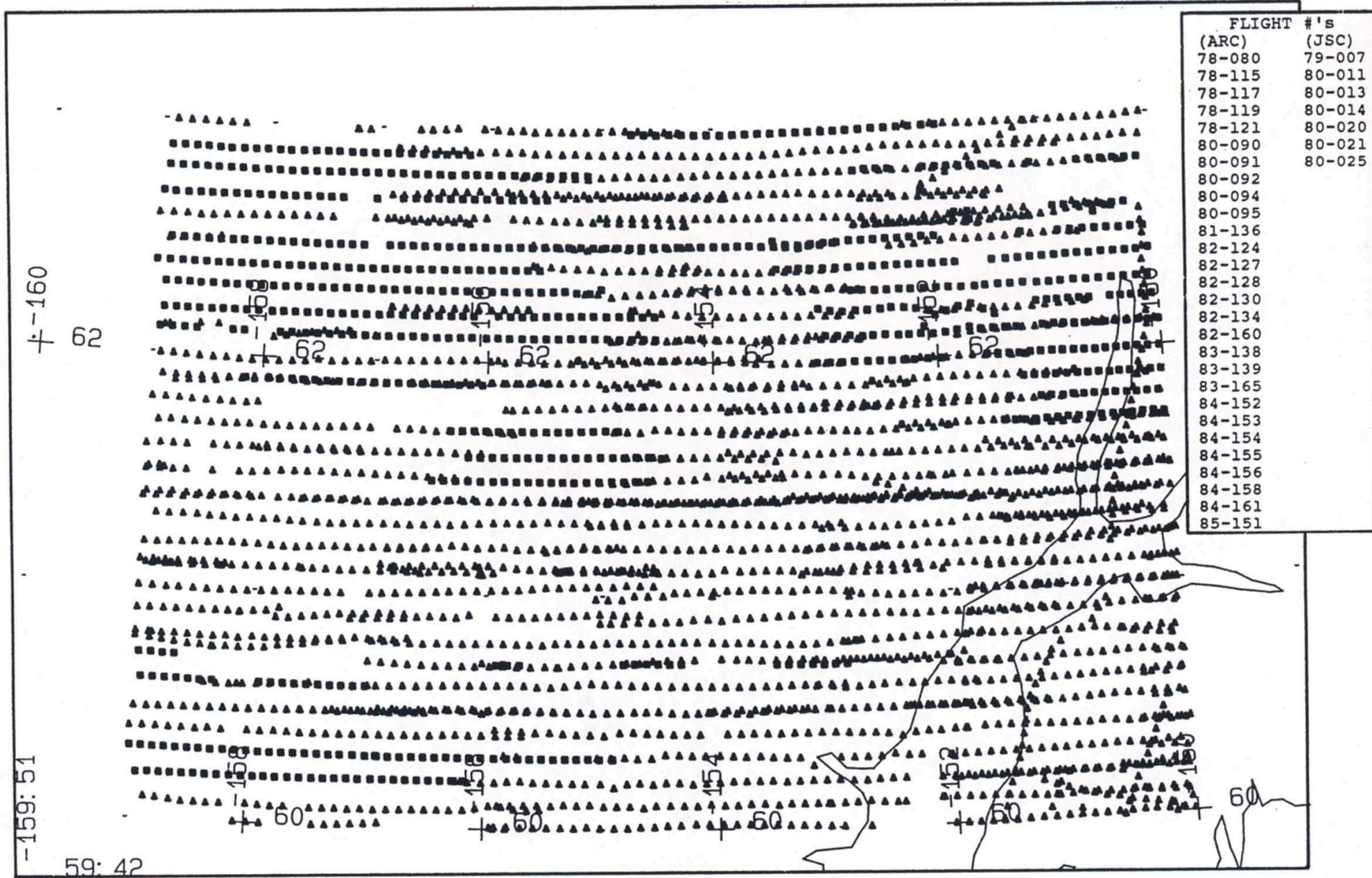
FLIGHT #'s
(ARC)	(JSC)
78-080	79-007
78-115	80-011
78-117	80-013
78-119	80-014
78-121	80-020
80-090	80-021
80-091	80-025
80-092	
80-094	
80-095	
81-136	
82-124	
82-127	
82-128	
82-130	
82-134	
82-160	
83-138	
83-139	
83-165	
84-152	
84-153	
84-154	
84-155	
84-156	
84-158	
84-161	
85-151	

QUAD 11 ▲ = AMES ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 12

FLIGHT #'s	
(ARC)	(JSC)
78-090	78-016
78-113	79-007
78-115	80-021
78-117	80-024
78-119	80-025
78-125	
81-134	
81-135	
81-137	
82-124	
82-125	
82-127	
82-128	
82-134	
83-131	
83-135	
83-139	
84-151	
84-153	
84-155	
84-158	
84-159	
85-151	
85-152	
86-205	
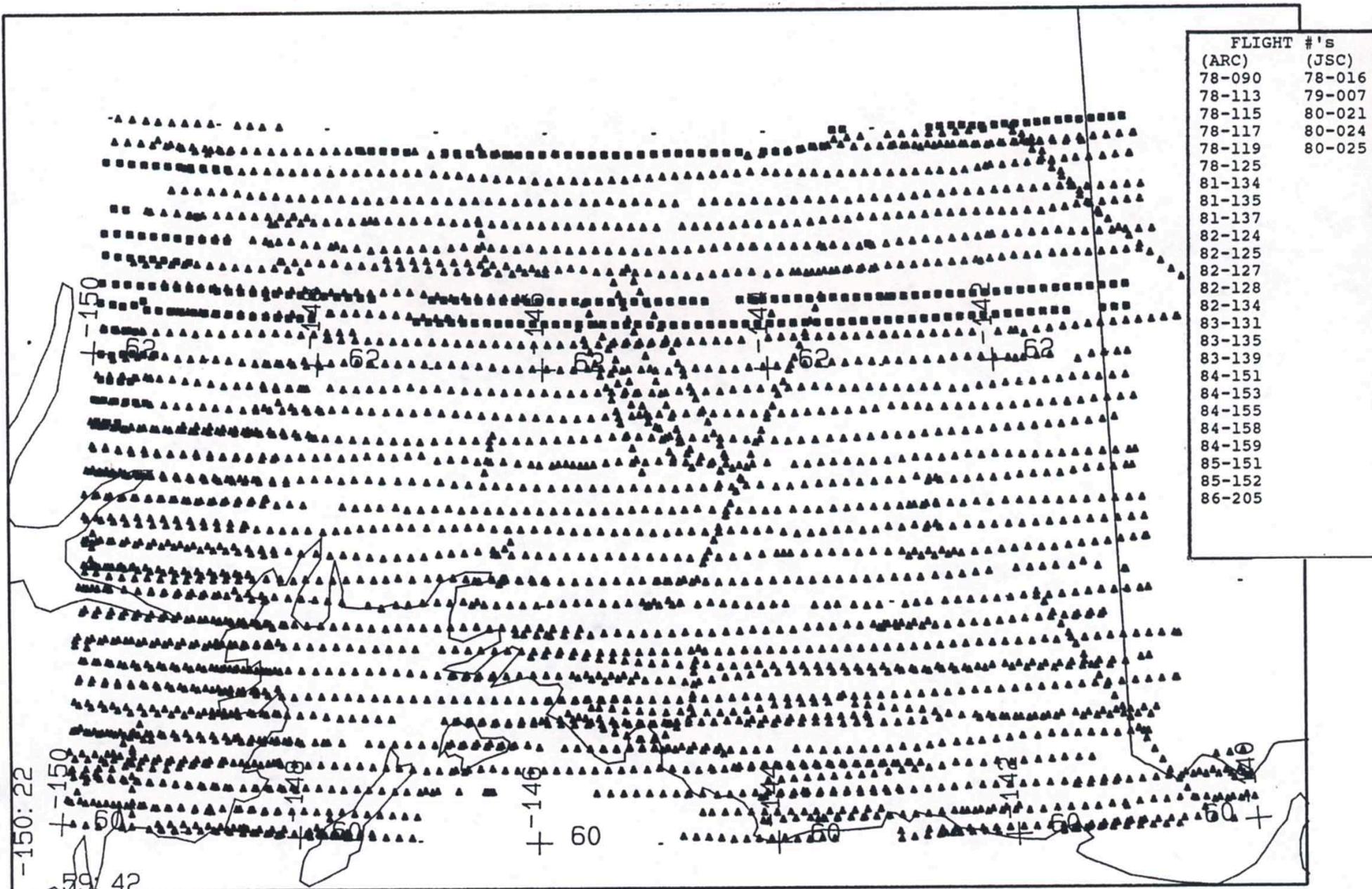
QUAD 12   ▲ = AMES   ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 13

-168 -166 60   -164 60   -162 60   -160 60   -158 60

60

-168: 1

57: 49

-166 58   -164 58   -162 58   -160 58
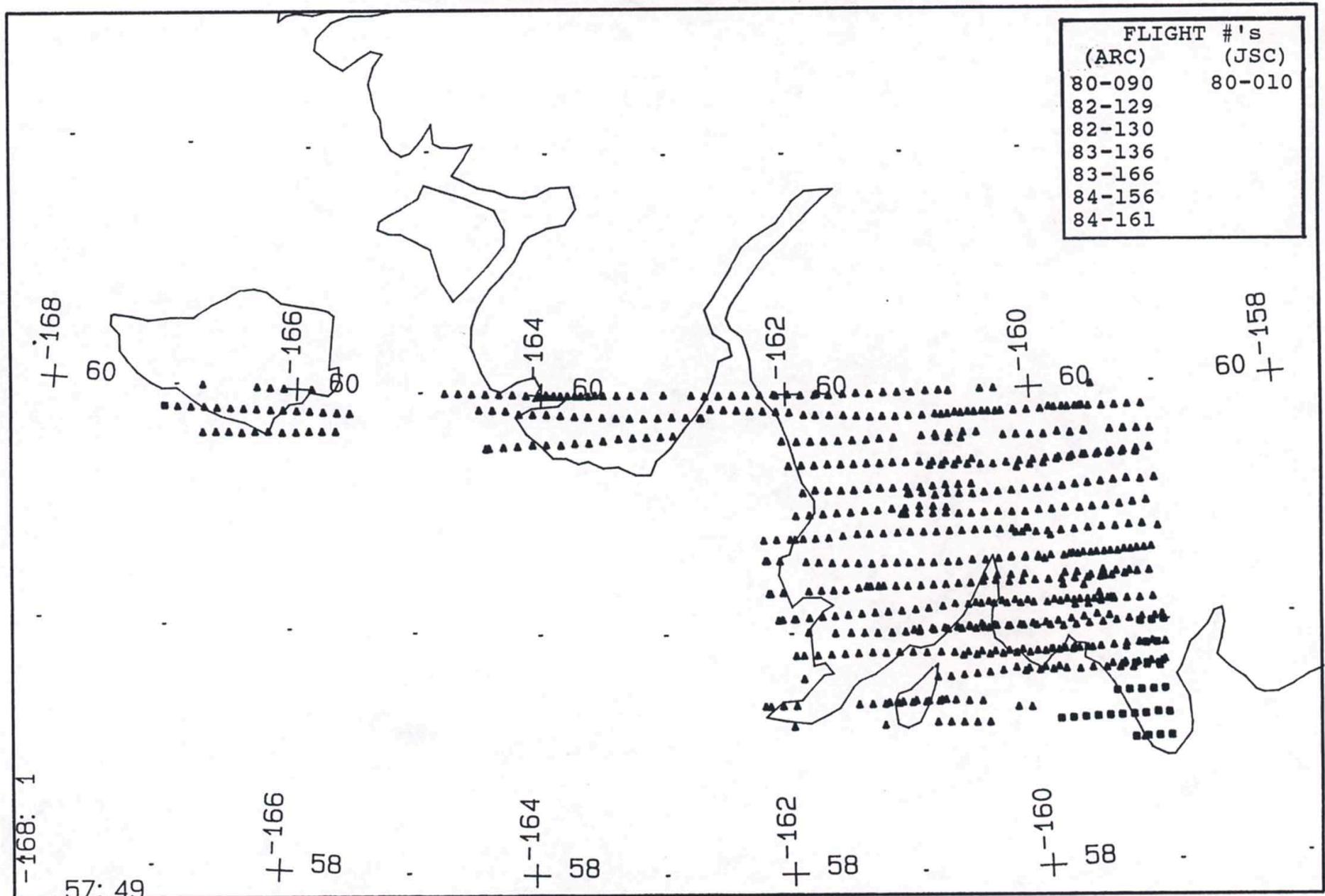
QUAD 13   ▲ = AMES   ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 14

FLIGHT #'s	
(ARC)	(JSC)
78-115	78-011
78-117	79-004
78-121	80-010
80-090	
82-127	
82-128	
82-129	
82-134	
82-135	
83-132	
83-136	
83-139	
83-140	
83-166	
83-168	
83-169	
84-152	
84-155	
84-156	
84-163	
85-151	
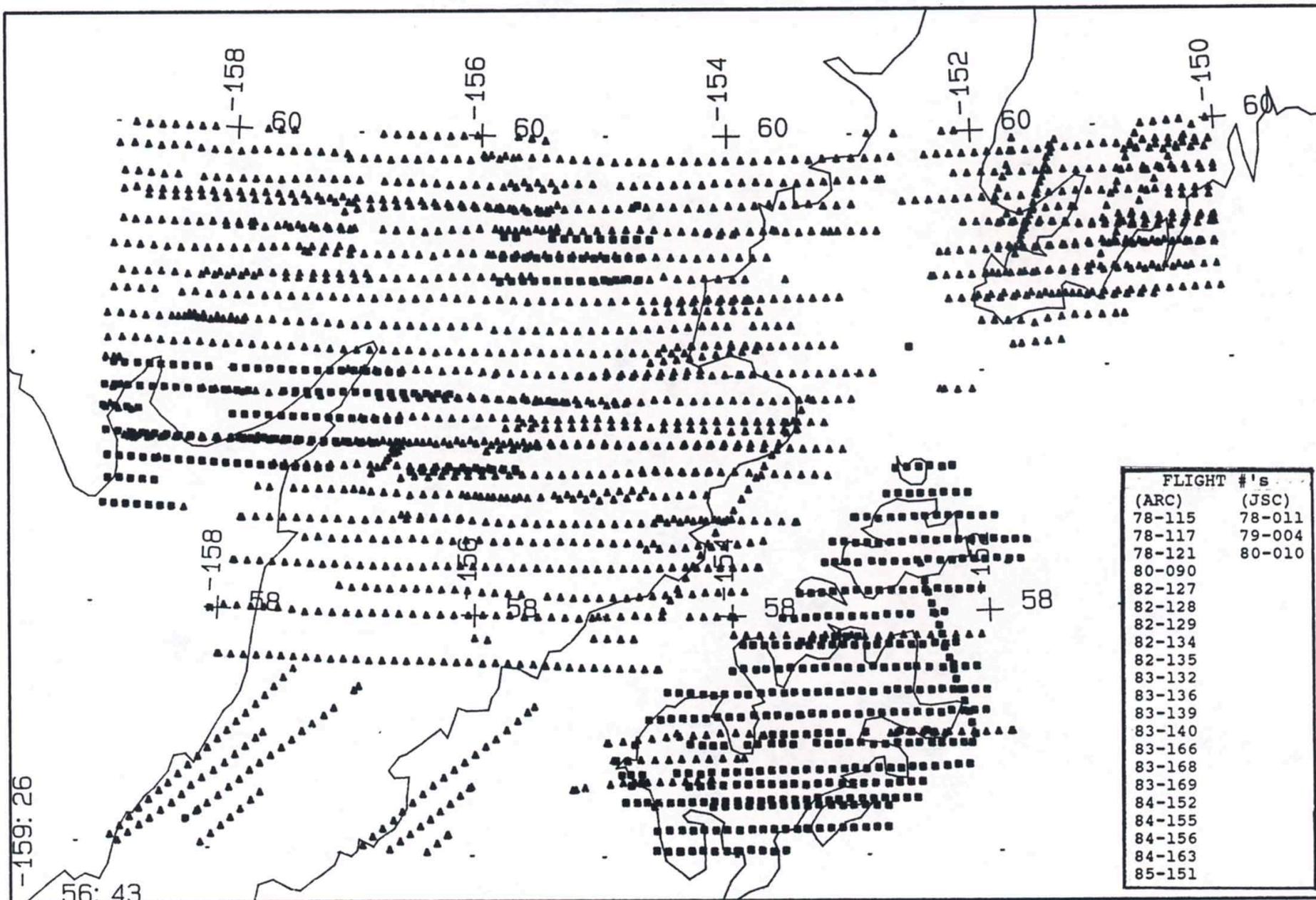
QUAD 14   ▲ = AMES   ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 15

-150 62   -148 62   -146 62   -144 62   -142 62

-150   -148   -146 60   -144   -142
        60   60   60   60

-150: 39

58: 43

QUAD 15   ▲ = AMES   ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 16

62 −142

62 −140

62 −138

62 −136

−142

−142

60

−138

60

−136

60

−134

60

−142: 43

58: 24
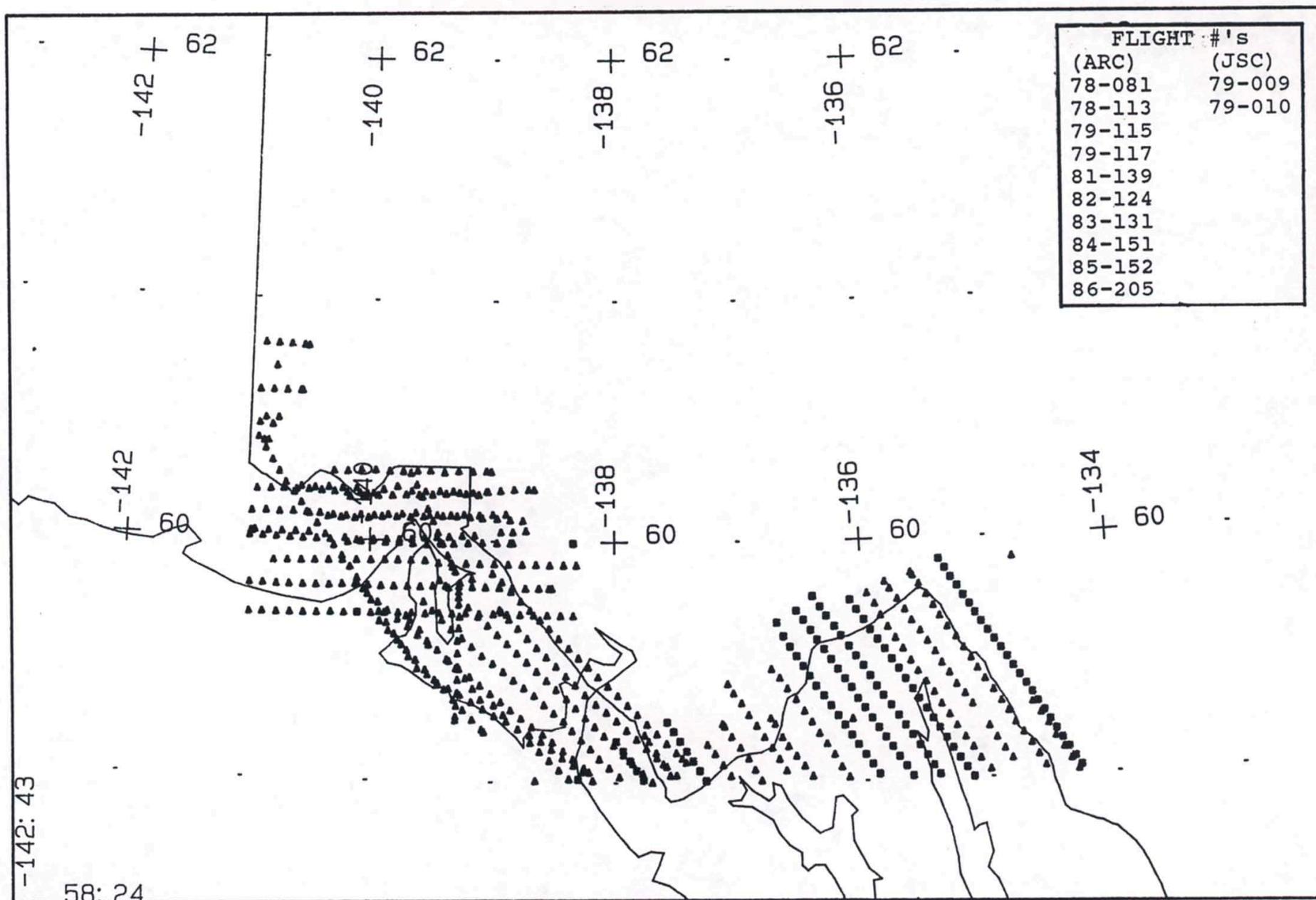
QUAD 16   ▲ = AMES   ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = −150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 17

FLIGHT #'s
(ARC)	(JSC)
78-081	79-009
79-115	79-010
79-117	79-011
79-121	
85-148	
85-152	
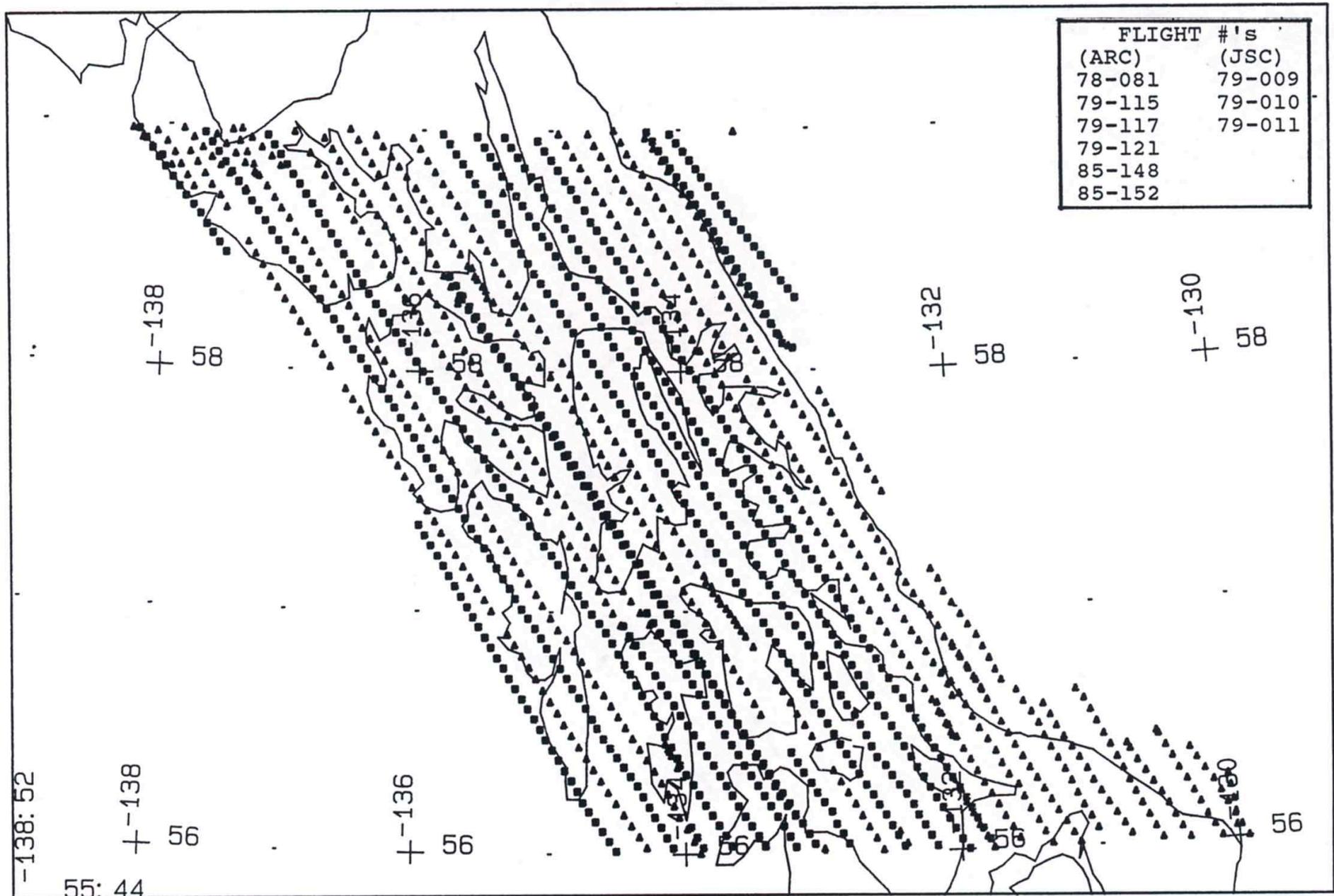
QUAD 17   ▲ = AMES   ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 18

-168 56

-166 56

-164 56

-162 56

-168 54

-166 54

-164 54

-162 54

-169:12

52:46

FLIGHT #'s
(ARC)   (JSC)
83-167
83-168
83-169
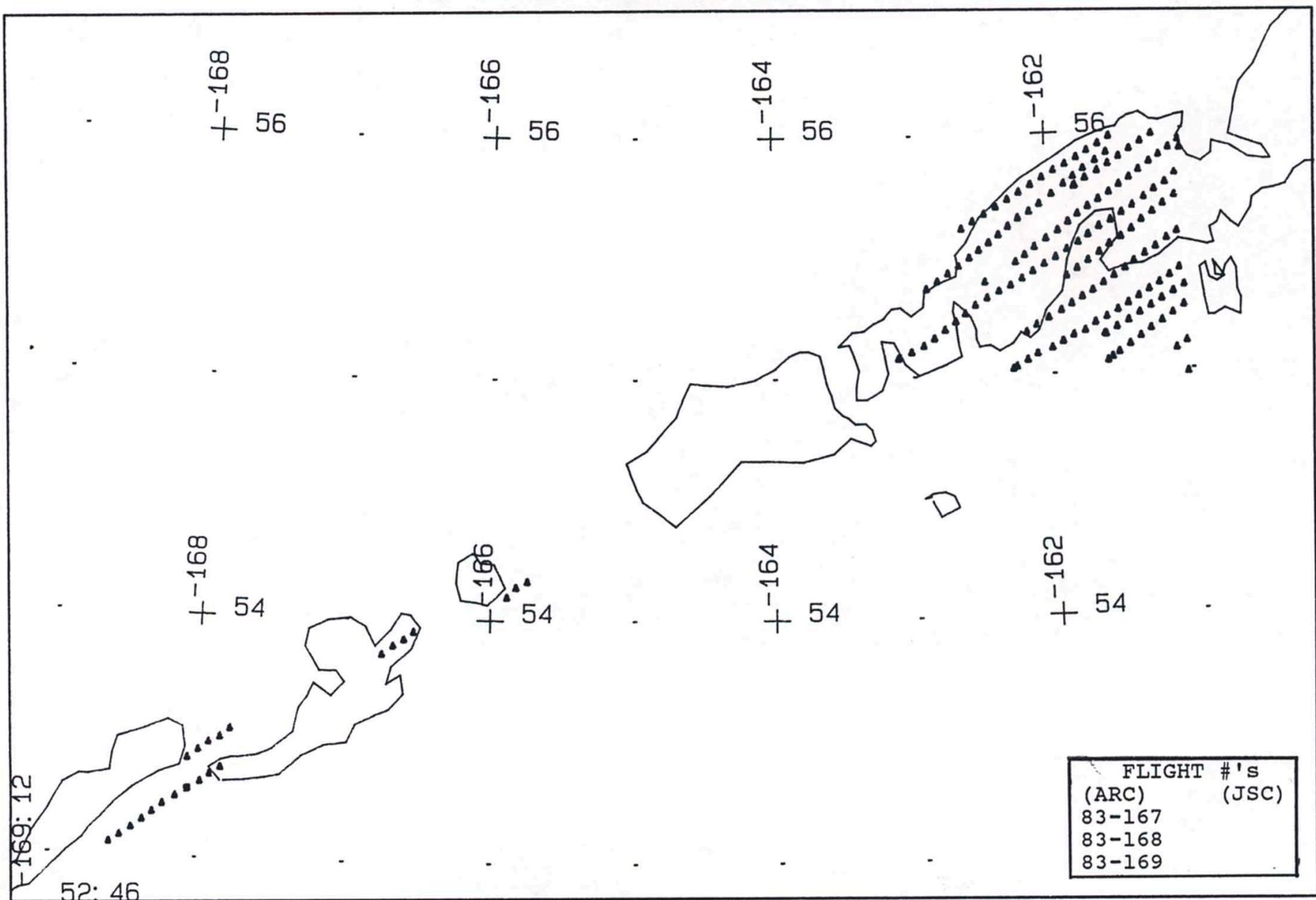
QUAD 18   ▲ = AMES   ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 19
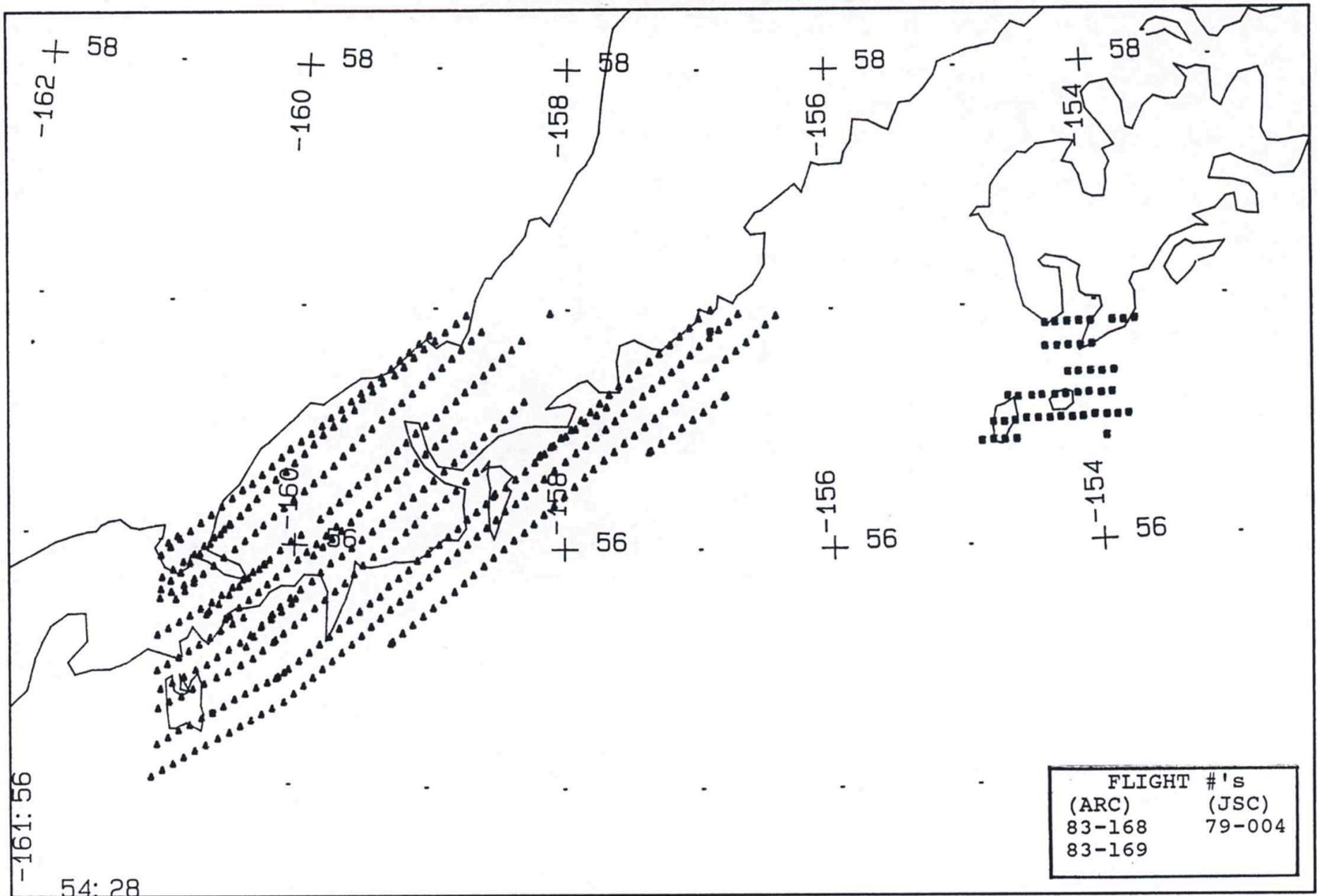
-162 + 58
-160 + 58
-158 + 58
-156 + 58
-154 + 58

-160
-158
-156
-154

+ 56
+ 56
+ 56
+ 56

-161:56

54:28

QUAD 19   ▲ = AMES   ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06

NASA COVERAGE - SHEET 20

QUAD 20   ▲ = AMES   ■ = JSC

TRANSVERSE MERCATOR PROJECTION: CM = -150.0

SCALE = 1: 2.50E+06