

```

/** ----- 04c LONG COMPILE (GeoNet Data) -----
/**
/** FILE NAME:    04c_Compile.txt
/** AUTHOR:      RENEE SCHICKER
/** CREATED:     19 MARCH 2009
/** UPDATED:    10 JUNE 2009
/**
/** The scripts may be supplied in a more readily useable format if the work is acknowledged
/** CONTACT:     Renee_Schicker@hotmail.com
/**
/** SCRIPT USED BY:    04_Inventory.txt
/** SCRIPTS USED:      CheckProgEdit.txt
/**
/** COVERAGES USED:    GeoNetLSIW
/**
/** FUNCTIONS USED:    &RUN          EDITCOVER (EC)      EDITFEATURE (EF)
/**                   &CALL          &ROUTINE           &RETURN
/**                   &TYPE          SELECT             CALCULATE
/**                   SAVE           QUIT (Q)
/**
/** PURPOSE:          To compile the values from all unioned cover attributes into single attribute
/**                   columns (Auto_ID, Year, Loc_Class, and Radius_M). However when I tried to
/**                   do this in a loop format in loop_compile.txt the results were not quite right,
/**                   as it was processing through in numeric order and not radius size order.
/**                   In this script I have arranged it in size order so the larger radii are input (in
/**                   year suborder mostly) so that the smaller radii are present over top of any
/**                   larger radii.
/**
/** ----- HISTORY-----
/** 19 MARCH 2009      Created Long_Compile.txt after finding issues with earlier
/**                   method loop_compile.
/** 23 MARCH 2009      Created Long_Compile2.txt as a trial to go with loop_master2.txt
/**                   Have added more columns to distinguish groupings when there are
/**                   overlaps. Now there are columns for each radius distance, location
/**                   class, year and year plus auto_ID.
/** 24 MARCH 2009      Do not need 23 columns for radius when not all overlap. Now
/**                   reduced to 9. Have modified the number of columns added in
/**                   loop_master2.txt and in here so that they actually write to an
/**                   existing column.
/** 27 APRIL 2009      Changed name to Long_Compile.txt. The coverage used is now
/**                   GeoNetLSIW. This script now runs from 03_Inventory.txt. Have
/**                   checked everything is consistent and updated information.
/** 10 JUNE 2009       Rename Long_Compile.txt as 04c_Compile.txt, 03_Inventory.txt is
/**                   now 04_Inventory.txt.
/** *****
/** *****

```

&RUN d:\renee_gis\scripts\CheckProgEdit.txt

EC GeoNetLSIW
EF polygon

```
&CALL R25km
&CALL R12km_20km
&CALL R10km
&CALL R6500m_8km
&CALL R3500m_6km
&CALL R2km_2500m
&CALL R1km_1500m
&CALL R10m_500m
Q
&RETURN
```

```
/*****
```

```
&ROUTINE R25km
&TYPE 25,000 m distances being written
&CALL 15
&CALL 96
&CALL 97
&RETURN
```

```
&ROUTINE R12km_20km
&TYPE 20,000 m distances being written
&CALL 21
&CALL 22
&CALL 72
&CALL 73
&CALL 110
&TYPE 15,000 m distance now being written
&CALL 79
&TYPE 12,000 m distance now being written
&CALL 114
&RETURN
```

```
&ROUTINE R10km
&TYPE 10,000 m distance being written
&CALL 20
&CALL 30
&CALL 31
&CALL 65
&CALL 66
&CALL 76
&CALL 80
&CALL 94
&CALL 98
&CALL 104
&CALL 117
&CALL 118
&CALL 119
&RETURN
```

```
&ROUTINE R6500m_8km
```

&TYPE 8,000 m distance being written
&CALL 83
&TYPE 7,000 m distances being written
&CALL 70
&CALL 89
&CALL 92
&TYPE 6,500 m distance being written
&CALL 91
&RETURN

&ROUTINE R3500m_6km
&TYPE 6,000 m distances being written
&CALL 105
&CALL 112
&TYPE 5,000 m distances being written
&CALL 16
&CALL 77
&CALL 78
&CALL 101
&CALL 103
&CALL 115
&CALL 122
&TYPE 4,000 m distances being written
&CALL 2
&CALL 34
&CALL 100
&TYPE 3,500 m distance being written
&CALL 120
&RETURN

&ROUTINE R2km_2500m
&TYPE 2500 m distance being written
&CALL 54
&CALL 55
&CALL 59
&CALL 60
&CALL 61
&CALL 62
&CALL 86
&CALL 113
&CALL 116
&CALL 121
&TYPE 2000 m distance being written
&CALL 3
&RETURN

&ROUTINE R1km_1500m
&TYPE 1500 m distance being written
&CALL 6
&CALL 23
&CALL 63

&TYPE 1000 m distance being written

&CALL 9

&CALL 10

&CALL 11

&CALL 12

&CALL 17

&CALL 25

&CALL 26

&CALL 27

&CALL 28

&CALL 29

&CALL 32

&CALL 33

&CALL 69

&CALL 90

&CALL 99

&CALL 109

&RETURN

&ROUTINE R10m_500m

&TYPE 500 m distances being written

&CALL 1

&CALL 8

&CALL 13

&CALL 14

&CALL 24

&CALL 35

&CALL 42

&CALL 43

&CALL 44

&CALL 45

&CALL 46

&CALL 47

&CALL 48

&CALL 49

&CALL 50

&CALL 51

&CALL 52

&CALL 53

&CALL 67

&CALL 68

&CALL 74

&CALL 75

&CALL 85

&CALL 87

&CALL 102

&CALL 107

&CALL 123

&TYPE 450 m distance being written

&CALL 93

&TYPE 300 m distance being written

```

&CALL 4
&TYPE 250 m distance being written
&CALL 111
&TYPE 200 m distances being written
&CALL 7
&CALL 56
&CALL 57
&CALL 58
&CALL 71
&TYPE 100 m distances being written
&CALL 71
&CALL 81
&CALL 82
&CALL 88
&CALL 106
&TYPE 10 m distances being written
&CALL 5
&RETURN
/*****

/** ----- 25,000 m Radius -----
&ROUTINE 15
SELECT FOR AUTO_ID15 = 15
CALCULATE Y00_AutoID = 15
SAVE
SELECT FOR AUTO_ID15 = 15
CALCULATE YR_2000 = 2000
SAVE
SELECT FOR AUTO_ID15 = 15
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID15 = 15
CALCULATE Rad_25km = 25000
SAVE
&RETURN

&ROUTINE 96
SELECT FOR AUTO_ID96 = 96
CALCULATE Y06_AutoID = 96
SAVE
SELECT FOR AUTO_ID96 = 96
CALCULATE YR_2006 = 2006
SAVE
SELECT FOR AUTO_ID96 = 96
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID96 = 96
CALCULATE Rad_25km = 25000
SAVE
&RETURN

```

```

&ROUTINE 97
SELECT FOR AUTO_ID97 = 97
CALCULATE Y06_AutoID = 97
SAVE
SELECT FOR AUTO_ID97 = 97
CALCULATE YR_2006 = 2006
SAVE
SELECT FOR AUTO_ID97 = 97
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID97 = 97
CALCULATE Rad_25km = 25000
SAVE
&RETURN

```

```

/** ----- 20,000 m Radius -----

```

```

&ROUTINE 21
SELECT FOR AUTO_ID21 = 21
CALCULATE Y01_AutoID = 21
SAVE
SELECT FOR AUTO_ID21 = 21
CALCULATE YR_2001 = 2001
SAVE
SELECT FOR AUTO_ID21 = 21
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID21 = 21
CALCULATE Rad_12km_20km = 20000
SAVE
&RETURN

```

```

&ROUTINE 22
SELECT FOR AUTO_ID22 = 22
CALCULATE Y01_AutoID = 22
SAVE
SELECT FOR AUTO_ID22 = 22
CALCULATE YR_2001 = 2001
SAVE
SELECT FOR AUTO_ID22 = 22
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID22 = 22
CALCULATE Rad_12km_20km = 20000
SAVE
&RETURN

```

```

&ROUTINE 72
SELECT FOR AUTO_ID72 = 72
CALCULATE Y07_AutoID = 72
SAVE
SELECT FOR AUTO_ID72 = 72

```

```

CALCULATE YR_2007 = 2007
SAVE
SELECT FOR AUTO_ID72 = 72
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID72 = 72
CALCULATE Rad_12km_20km = 20000
SAVE
&RETURN

```

```

&ROUTINE 73
SELECT FOR AUTO_ID73 = 73
CALCULATE Y07_AutoID = 73
SAVE
SELECT FOR AUTO_ID73 = 73
CALCULATE YR_2007 = 2007
SAVE
SELECT FOR AUTO_ID73 = 73
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID73 = 73
CALCULATE Rad_12km_20km = 20000
SAVE
&RETURN

```

```

&ROUTINE 110
SELECT FOR AUTO_ID110 = 110
CALCULATE Y08_AutoID = 110
SAVE
SELECT FOR AUTO_ID110 = 110
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID110 = 110
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID110 = 110
CALCULATE Rad_12km_20km = 20000
SAVE
&RETURN

```

```

/** ----- 15,000 m Radius -----

```

```

&ROUTINE 79
SELECT FOR AUTO_ID79 = 79
CALCULATE Y07_AutoID = 79
SAVE
SELECT FOR AUTO_ID79 = 79
CALCULATE YR_2007 = 2007
SAVE
SELECT FOR AUTO_ID79 = 79
CALCULATE LocClass_C = 'C'
SAVE

```

```
SELECT FOR AUTO_ID79 = 79
CALCULATE Rad_12km_20km = 15000
SAVE
&RETURN
```

```
/** ----- 12,000 m Radius -----
&ROUTINE 114
SELECT FOR AUTO_ID114 = 114
CALCULATE Y08_AutoID = 114
SAVE
SELECT FOR AUTO_ID114 = 114
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID114 = 114
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID114 = 114
CALCULATE Rad_12km_20km = 12000
SAVE
&RETURN
```

```
/** ----- 10,000 m Radius -----
&ROUTINE 20
SELECT FOR AUTO_ID20 = 20
CALCULATE Y01_AutoID = 20
SAVE
SELECT FOR AUTO_ID20 = 20
CALCULATE YR_2001 = 2001
SAVE
SELECT FOR AUTO_ID20 = 20
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID20 = 20
CALCULATE Rad_10km = 10000
SAVE
&RETURN
```

```
&ROUTINE 30
SELECT FOR AUTO_ID30 = 30
CALCULATE Y02_AutoID = 30
SAVE
SELECT FOR AUTO_ID30 = 30
CALCULATE YR_2002 = 2002
SAVE
SELECT FOR AUTO_ID30 = 30
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID30 = 30
CALCULATE Rad_10km = 10000
SAVE
&RETURN
```



```
&ROUTINE 31
SELECT FOR AUTO_ID31 = 31
CALCULATE Y02_AutoID = 31
SAVE
SELECT FOR AUTO_ID31 = 31
CALCULATE YR_2002 = 2002
SAVE
SELECT FOR AUTO_ID31 = 31
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID31 = 31
CALCULATE Rad_10km = 10000
SAVE
&RETURN
```

```
&ROUTINE 65
SELECT FOR AUTO_ID65 = 65
CALCULATE Y03_AutoID = 65
SAVE
SELECT FOR AUTO_ID65 = 65
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID65 = 65
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID65 = 65
CALCULATE Rad_10km = 10000
SAVE
&RETURN
```

```
&ROUTINE 66
SELECT FOR AUTO_ID66 = 66
CALCULATE Y03_AutoID = 66
SAVE
SELECT FOR AUTO_ID66 = 66
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID66 = 66
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID66 = 66
CALCULATE Rad_10km = 10000
SAVE
&RETURN
```

```
&ROUTINE 76
SELECT FOR AUTO_ID76 = 76
CALCULATE Y04_AutoID = 76
SAVE
SELECT FOR AUTO_ID76 = 76
```

```
CALCULATE YR_2004 = 2004
SAVE
SELECT FOR AUTO_ID76 = 76
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID76 = 76
CALCULATE Rad_10km = 10000
SAVE
&RETURN
```

```
&ROUTINE 80
SELECT FOR AUTO_ID80 = 80
CALCULATE Y03_AutoID = 80
SAVE
SELECT FOR AUTO_ID80 = 80
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID80 = 80
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID80 = 80
CALCULATE Rad_10km = 10000
SAVE
&RETURN
```

```
&ROUTINE 94
SELECT FOR AUTO_ID94 = 94
CALCULATE Y06_AutoID = 94
SAVE
SELECT FOR AUTO_ID94 = 94
CALCULATE YR_2006 = 2006
SAVE
SELECT FOR AUTO_ID94 = 94
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID94 = 94
CALCULATE Rad_10km = 10000
SAVE
&RETURN
```

```
&ROUTINE 98
SELECT FOR AUTO_ID98 = 98
CALCULATE Y06_AutoID = 98
SAVE
SELECT FOR AUTO_ID98 = 98
CALCULATE YR_2006 = 2006
SAVE
SELECT FOR AUTO_ID98 = 98
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID98 = 98
```

```
CALCULATE Rad_10km = 10000  
SAVE  
&RETURN
```

```
&ROUTINE 104  
SELECT FOR AUTO_ID104 = 104  
CALCULATE Y07_AutoID = 104  
SAVE  
SELECT FOR AUTO_ID104 = 104  
CALCULATE YR_2007 = 2007  
SAVE  
SELECT FOR AUTO_ID104 = 104  
CALCULATE LocClass_C = 'C'  
SAVE  
SELECT FOR AUTO_ID104 = 104  
CALCULATE Rad_10km = 10000  
SAVE  
&RETURN
```

```
&ROUTINE 117  
SELECT FOR AUTO_ID117 = 117  
CALCULATE Y08_AutoID = 117  
SAVE  
SELECT FOR AUTO_ID117 = 117  
CALCULATE YR_2008 = 2008  
SAVE  
SELECT FOR AUTO_ID117 = 117  
CALCULATE LocClass_C = 'C'  
SAVE  
SELECT FOR AUTO_ID117 = 117  
CALCULATE Rad_10km = 10000  
SAVE  
&RETURN
```

```
&ROUTINE 118  
SELECT FOR AUTO_ID118 = 118  
CALCULATE Y08_AutoID = 118  
SAVE  
SELECT FOR AUTO_ID118 = 118  
CALCULATE YR_2008 = 2008  
SAVE  
SELECT FOR AUTO_ID118 = 118  
CALCULATE LocClass_C = 'C'  
SAVE  
SELECT FOR AUTO_ID118 = 118  
CALCULATE Rad_10km = 10000  
SAVE  
&RETURN
```

```
&ROUTINE 119  
SELECT FOR AUTO_ID119 = 119
```

```
CALCULATE Y08_AutoID = 119
SAVE
SELECT FOR AUTO_ID119 = 119
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID119 = 119
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID119 = 119
CALCULATE Rad_10km = 10000
SAVE
&RETURN
```

```
/** ----- 8,000 m Radius -----
&ROUTINE 83
SELECT FOR AUTO_ID83 = 83
CALCULATE Y05_AutoID = 83
SAVE
SELECT FOR AUTO_ID83 = 83
CALCULATE YR_2005 = 2005
SAVE
SELECT FOR AUTO_ID83 = 83
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID83 = 83
CALCULATE Rad_6500m_8km = 8000
SAVE
&RETURN
```

```
/** ----- 7,000 m Radius -----
&ROUTINE 70
SELECT FOR AUTO_ID70 = 70
CALCULATE Y03_AutoID = 70
SAVE
SELECT FOR AUTO_ID70 = 70
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID70 = 70
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID70 = 70
CALCULATE Rad_6500m_8km = 7000
SAVE
&RETURN
```

```
&ROUTINE 89
SELECT FOR AUTO_ID89 = 89
CALCULATE Y05_AutoID = 89
SAVE
SELECT FOR AUTO_ID89 = 89
CALCULATE YR_2005 = 2005
```

```
SAVE
SELECT FOR AUTO_ID89 = 89
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID89 = 89
CALCULATE Rad_6500m_8km = 7000
SAVE
&RETURN
```

```
&ROUTINE 92
SELECT FOR AUTO_ID92 = 92
CALCULATE Y06_AutoID = 92
SAVE
SELECT FOR AUTO_ID92 = 92
CALCULATE YR_2006 = 2006
SAVE
SELECT FOR AUTO_ID92 = 92
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID92 = 92
CALCULATE Rad_6500m_8km = 7000
SAVE
&RETURN
```

```
/** ----- 6,500 m Radius -----
&ROUTINE 91
SELECT FOR AUTO_ID91 = 91
CALCULATE Y05_AutoID = 91
SAVE
SELECT FOR AUTO_ID91 = 91
CALCULATE YR_2005 = 2005
SAVE
SELECT FOR AUTO_ID91 = 91
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID91 = 91
CALCULATE Rad_6500m_8km = 6500
SAVE
&RETURN
```

```
/** ----- 6,000 m Radius -----
&ROUTINE 105
SELECT FOR AUTO_ID105 = 105
CALCULATE Y07_AutoID = 105
SAVE
SELECT FOR AUTO_ID105 = 105
CALCULATE YR_2007 = 2007
SAVE
SELECT FOR AUTO_ID105 = 105
CALCULATE LocClass_B = 'B'
SAVE
```

```
SELECT FOR AUTO_ID105 = 105
CALCULATE Rad_3500m_6km = 6000
SAVE
&RETURN
```

```
&ROUTINE 112
SELECT FOR AUTO_ID112 = 112
CALCULATE Y08_AutoID = 112
SAVE
SELECT FOR AUTO_ID112 = 112
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID112 = 112
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID112 = 112
CALCULATE Rad_3500m_6km = 6000
SAVE
&RETURN
```

```
/** ----- 5,000 m Radius -----
```

```
&ROUTINE 16
SELECT FOR AUTO_ID16 = 16
CALCULATE Y00_AutoID = 16
SAVE
SELECT FOR AUTO_ID16 = 16
CALCULATE YR_2000 = 2000
SAVE
SELECT FOR AUTO_ID16 = 16
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID16 = 16
CALCULATE Rad_3500m_6km = 5000
SAVE
&RETURN
```

```
&ROUTINE 77
SELECT FOR AUTO_ID77 = 77
CALCULATE Y04_AutoID = 77
SAVE
SELECT FOR AUTO_ID77 = 77
CALCULATE YR_2004 = 2004
SAVE
SELECT FOR AUTO_ID77 = 77
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID77 = 77
CALCULATE Rad_3500m_6km = 5000
SAVE
&RETURN
```

```
&ROUTINE 78
SELECT FOR AUTO_ID78 = 78
CALCULATE Y04_AutoID = 78
SAVE
SELECT FOR AUTO_ID78 = 78
CALCULATE YR_2004 = 2004
SAVE
SELECT FOR AUTO_ID78 = 78
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID78 = 78
CALCULATE Rad_3500m_6km = 5000
SAVE
&RETURN
```

```
&ROUTINE 101
SELECT FOR AUTO_ID101 = 101
CALCULATE Y06_AutoID = 101
SAVE
SELECT FOR AUTO_ID101 = 101
CALCULATE YR_2006 = 2006
SAVE
SELECT FOR AUTO_ID101 = 101
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID101 = 101
CALCULATE Rad_3500m_6km = 5000
SAVE
&RETURN
```

```
&ROUTINE 103
SELECT FOR AUTO_ID103 = 103
CALCULATE Y07_AutoID = 103
SAVE
SELECT FOR AUTO_ID103 = 103
CALCULATE YR_2007 = 2007
SAVE
SELECT FOR AUTO_ID103 = 103
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID103 = 103
CALCULATE Rad_3500m_6km = 5000
SAVE
&RETURN
```

```
&ROUTINE 115
SELECT FOR AUTO_ID115 = 115
CALCULATE Y08_AutoID = 115
SAVE
SELECT FOR AUTO_ID115 = 115
CALCULATE YR_2008 = 2008
```

```
SAVE
SELECT FOR AUTO_ID115 = 115
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID115 = 115
CALCULATE Rad_3500m_6km = 5000
SAVE
&RETURN
```

```
&ROUTINE 122
SELECT FOR AUTO_ID122 = 122
CALCULATE Y08_AutoID = 122
SAVE
SELECT FOR AUTO_ID122 = 122
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID122 = 122
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID122 = 122
CALCULATE Rad_3500m_6km = 5000
SAVE
&RETURN
```

```
/** ----- 4,000 m Radius -----
```

```
&ROUTINE 2
SELECT FOR AUTO_ID2 = 2
CALCULATE Y96_AutoID = 2
SAVE
SELECT FOR AUTO_ID2 = 2
CALCULATE YR_1996 = 1996
SAVE
SELECT FOR AUTO_ID2 = 2
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID2 = 2
CALCULATE Rad_3500m_6km = 4000
SAVE
&RETURN
```

```
&ROUTINE 34
SELECT FOR AUTO_ID34 = 34
CALCULATE Y02_AutoID = 34
SAVE
SELECT FOR AUTO_ID34 = 34
CALCULATE YR_2002 = 2002
SAVE
SELECT FOR AUTO_ID34 = 34
CALCULATE LocClass_C = 'C'
SAVE
SELECT FOR AUTO_ID34 = 34
```



```
CALCULATE Rad_3500m_6km = 4000  
SAVE  
&RETURN
```

```
&ROUTINE 100  
SELECT FOR AUTO_ID100 = 100  
CALCULATE Y06_AutoID = 100  
SAVE  
SELECT FOR AUTO_ID100 = 100  
CALCULATE YR_2006 = 2006  
SAVE  
SELECT FOR AUTO_ID100 = 100  
CALCULATE LocClass_C = 'C'  
SAVE  
SELECT FOR AUTO_ID100 = 100  
CALCULATE Rad_3500m_6km = 4000  
SAVE  
&RETURN
```

```
/** ----- 3,500 m Radius -----  
&ROUTINE 120  
SELECT FOR AUTO_ID120 = 120  
CALCULATE Y08_AutoID = 120  
SAVE  
SELECT FOR AUTO_ID120 = 120  
CALCULATE YR_2008 = 2008  
SAVE  
SELECT FOR AUTO_ID120 = 120  
CALCULATE LocClass_C = 'C'  
SAVE  
SELECT FOR AUTO_ID120 = 120  
CALCULATE Rad_3500m_6km = 3500  
SAVE  
&RETURN
```

```
/** ----- 2,500 m Radius -----  
&ROUTINE 54  
SELECT FOR AUTO_ID54 = 54  
CALCULATE Y03_AutoID = 54  
SAVE  
SELECT FOR AUTO_ID54 = 54  
CALCULATE YR_2003 = 2003  
SAVE  
SELECT FOR AUTO_ID54 = 54  
CALCULATE LocClass_B = 'B'  
SAVE  
SELECT FOR AUTO_ID54 = 54  
CALCULATE Rad_2km_2500m = 2500  
SAVE  
&RETURN
```

```
&ROUTINE 55
SELECT FOR AUTO_ID55 = 55
CALCULATE Y03_AutoID = 55
SAVE
SELECT FOR AUTO_ID55 = 55
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID55 = 55
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID55 = 55
CALCULATE Rad_2km_2500m = 2500
SAVE
&RETURN
```

```
&ROUTINE 59
SELECT FOR AUTO_ID59 = 59
CALCULATE Y03_AutoID = 59
SAVE
SELECT FOR AUTO_ID59 = 59
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID59 = 59
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID59 = 59
CALCULATE Rad_2km_2500m = 2500
SAVE
&RETURN
```

```
&ROUTINE 60
SELECT FOR AUTO_ID60 = 60
CALCULATE Y03_AutoID = 60
SAVE
SELECT FOR AUTO_ID60 = 60
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID60 = 60
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID60 = 60
CALCULATE Rad_2km_2500m = 2500
SAVE
&RETURN
```

```
&ROUTINE 61
SELECT FOR AUTO_ID61 = 61
CALCULATE Y03_AutoID = 61
SAVE
SELECT FOR AUTO_ID61 = 61
CALCULATE YR_2003 = 2003
```

```
SAVE
SELECT FOR AUTO_ID61 = 61
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID61 = 61
CALCULATE Rad_2km_2500m = 2500
SAVE
&RETURN
```

```
&ROUTINE 62
SELECT FOR AUTO_ID62 = 62
CALCULATE Y03_AutoID = 62
SAVE
SELECT FOR AUTO_ID62 = 62
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID62 = 62
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID62 = 62
CALCULATE Rad_2km_2500m = 2500
SAVE
&RETURN
```

```
&ROUTINE 86
SELECT FOR AUTO_ID86 = 86
CALCULATE Y05_AutoID = 86
SAVE
SELECT FOR AUTO_ID86 = 86
CALCULATE YR_2005 = 2005
SAVE
SELECT FOR AUTO_ID86 = 86
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID86 = 86
CALCULATE Rad_2km_2500m = 2500
SAVE
&RETURN
```

```
&ROUTINE 113
SELECT FOR AUTO_ID113 = 113
CALCULATE Y08_AutoID = 113
SAVE
SELECT FOR AUTO_ID113 = 113
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID113 = 113
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID113 = 113
CALCULATE Rad_2km_2500m = 2500
```

```
SAVE
&RETURN
```

```
&ROUTINE 116
SELECT FOR AUTO_ID116 = 116
CALCULATE Y08_AutoID = 116
SAVE
SELECT FOR AUTO_ID116 = 116
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID116 = 116
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID116 = 116
CALCULATE Rad_2km_2500m = 2500
SAVE
&RETURN
```

```
&ROUTINE 121
SELECT FOR AUTO_ID121 = 121
CALCULATE Y08_AutoID = 121
SAVE
SELECT FOR AUTO_ID121 = 121
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID121 = 121
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID121 = 121
CALCULATE Rad_2km_2500m = 2500
SAVE
&RETURN
```

```
/** ----- 2,000 m Radius -----
```

```
&ROUTINE 3
SELECT FOR AUTO_ID3 = 3
CALCULATE Y97_AutoID = 3
SAVE
SELECT FOR AUTO_ID3 = 3
CALCULATE YR_1997 = 1997
SAVE
SELECT FOR AUTO_ID3 = 3
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID3 = 3
CALCULATE Rad_2km_2500m = 2000
SAVE
&RETURN
```

```
/** ----- 1,500 m Radius -----
```

```
&ROUTINE 6
```

```
SELECT FOR AUTO_ID6 = 6
CALCULATE Y01_AutoID = 6
SAVE
SELECT FOR AUTO_ID6 = 6
CALCULATE YR_2001 = 2001
SAVE
SELECT FOR AUTO_ID6 = 6
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID6 = 6
CALCULATE Rad_1km_1500m = 1500
SAVE
&RETURN
```

```
&ROUTINE 23
SELECT FOR AUTO_ID23 = 23
CALCULATE Y01_AutoID = 23
SAVE
SELECT FOR AUTO_ID23 = 23
CALCULATE YR_2001 = 2001
SAVE
SELECT FOR AUTO_ID23 = 23
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID23 = 23
CALCULATE Rad_1km_1500m = 1500
SAVE
&RETURN
```

```
&ROUTINE 63
SELECT FOR AUTO_ID63 = 63
CALCULATE Y03_AutoID = 63
SAVE
SELECT FOR AUTO_ID63 = 63
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID63 = 63
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID63 = 63
CALCULATE Rad_1km_1500m = 1500
SAVE
&RETURN
```

```
/** ----- 1,000 m Radius -----
&ROUTINE 9
SELECT FOR AUTO_ID9 = 9
CALCULATE Y98_AutoID = 9
SAVE
SELECT FOR AUTO_ID9 = 9
CALCULATE YR_1998 = 1998
```

```
SAVE
SELECT FOR AUTO_ID9 = 9
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID9 = 9
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN
```

```
&ROUTINE 10
SELECT FOR AUTO_ID10 = 10
CALCULATE Y98_AutoID = 10
SAVE
SELECT FOR AUTO_ID10 = 10
CALCULATE YR_1998 = 1998
SAVE
SELECT FOR AUTO_ID10 = 10
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID10 = 10
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN
```

```
&ROUTINE 11
SELECT FOR AUTO_ID11 = 11
CALCULATE Y98_AutoID = 11
SAVE
SELECT FOR AUTO_ID11 = 11
CALCULATE YR_1998 = 1998
SAVE
SELECT FOR AUTO_ID11 = 11
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID11 = 11
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN
```

```
&ROUTINE 12
SELECT FOR AUTO_ID12 = 12
CALCULATE Y98_AutoID = 12
SAVE
SELECT FOR AUTO_ID12 = 12
CALCULATE YR_1998 = 1998
SAVE
SELECT FOR AUTO_ID12 = 12
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID12 = 12
CALCULATE Rad_1km_1500m = 1000
```

SAVE
&RETURN

&ROUTINE 17
SELECT FOR AUTO_ID17 = 17
CALCULATE Y00_AutoID = 17
SAVE
SELECT FOR AUTO_ID17 = 17
CALCULATE YR_2000 = 2000
SAVE
SELECT FOR AUTO_ID17 = 17
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID17 = 17
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN

&ROUTINE 25
SELECT FOR AUTO_ID25 = 25
CALCULATE Y01_AutoID = 25
SAVE
SELECT FOR AUTO_ID25 = 25
CALCULATE YR_2001 = 2001
SAVE
SELECT FOR AUTO_ID25 = 25
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID25 = 25
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN

&ROUTINE 26
SELECT FOR AUTO_ID26 = 26
CALCULATE Y01_AutoID = 26
SAVE
SELECT FOR AUTO_ID26 = 26
CALCULATE YR_2001 = 2001
SAVE
SELECT FOR AUTO_ID26 = 26
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID26 = 26
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN

&ROUTINE 27
SELECT FOR AUTO_ID27 = 27
CALCULATE Y01_AutoID = 27

```
SAVE
SELECT FOR AUTO_ID27 = 27
CALCULATE YR_2001 = 2001
SAVE
SELECT FOR AUTO_ID27 = 27
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID27 = 27
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN
```

```
&ROUTINE 28
SELECT FOR AUTO_ID28 = 28
CALCULATE Y02_AutoID = 28
SAVE
SELECT FOR AUTO_ID28 = 28
CALCULATE YR_2002 = 2002
SAVE
SELECT FOR AUTO_ID28 = 28
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID28 = 28
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN
```

```
&ROUTINE 29
SELECT FOR AUTO_ID29 = 29
CALCULATE Y02_AutoID = 29
SAVE
SELECT FOR AUTO_ID29 = 29
CALCULATE YR_2002 = 2002
SAVE
SELECT FOR AUTO_ID29 = 29
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID29 = 29
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN
```

```
&ROUTINE 32
SELECT FOR AUTO_ID32 = 32
CALCULATE Y02_AutoID = 32
SAVE
SELECT FOR AUTO_ID32 = 32
CALCULATE YR_2002 = 2002
SAVE
SELECT FOR AUTO_ID32 = 32
CALCULATE LocClass_B = 'B'
```



```
SAVE
SELECT FOR AUTO_ID32 = 32
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN
```

```
&ROUTINE 33
SELECT FOR AUTO_ID33 = 33
CALCULATE Y02_AutoID = 33
SAVE
SELECT FOR AUTO_ID33 = 33
CALCULATE YR_2002 = 2002
SAVE
SELECT FOR AUTO_ID33 = 33
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID33 = 33
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN
```

```
&ROUTINE 69
SELECT FOR AUTO_ID69 = 69
CALCULATE Y03_AutoID = 69
SAVE
SELECT FOR AUTO_ID69 = 69
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID69 = 69
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID69 = 69
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN
```

```
&ROUTINE 90
SELECT FOR AUTO_ID90 = 90
CALCULATE Y05_AutoID = 90
SAVE
SELECT FOR AUTO_ID90 = 90
CALCULATE YR_2005 = 2005
SAVE
SELECT FOR AUTO_ID90 = 90
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID90 = 90
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN
```

```

&ROUTINE 99
SELECT FOR AUTO_ID99 = 99
CALCULATE Y06_AutoID = 99
SAVE
SELECT FOR AUTO_ID99 = 99
CALCULATE YR_2006 = 2006
SAVE
SELECT FOR AUTO_ID99 = 99
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID99 = 99
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN

```

```

&ROUTINE 109
SELECT FOR AUTO_ID109 = 109
CALCULATE Y08_AutoID = 109
SAVE
SELECT FOR AUTO_ID109 = 109
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID109 = 109
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID109 = 109
CALCULATE Rad_1km_1500m = 1000
SAVE
&RETURN

```

```

/** ----- 500 m Radius -----

```

```

&ROUTINE 1
SELECT FOR AUTO_ID1 = 1
CALCULATE Y96_AutoID = 1
SAVE
SELECT FOR AUTO_ID1 = 1
CALCULATE YR_1996 = 1996
SAVE
SELECT FOR AUTO_ID1 = 1
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID1 = 1
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN

```

```

&ROUTINE 8
SELECT FOR AUTO_ID8 = 8
CALCULATE Y98_AutoID = 8
SAVE
SELECT FOR AUTO_ID8 = 8

```

```
CALCULATE YR_1998 = 1998
SAVE
SELECT FOR AUTO_ID8 = 8
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID8 = 8
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 13
SELECT FOR AUTO_ID13 = 13
CALCULATE Y98_AutoID = 13
SAVE
SELECT FOR AUTO_ID13 = 13
CALCULATE YR_1998 = 1998
SAVE
SELECT FOR AUTO_ID13 = 13
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID13 = 13
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 14
SELECT FOR AUTO_ID14 = 14
CALCULATE Y99_AutoID = 14
SAVE
SELECT FOR AUTO_ID14 = 14
CALCULATE YR_1999 = 1999
SAVE
SELECT FOR AUTO_ID14 = 14
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID14 = 14
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 24
SELECT FOR AUTO_ID24 = 24
CALCULATE Y01_AutoID = 24
SAVE
SELECT FOR AUTO_ID24 = 24
CALCULATE YR_2001 = 2001
SAVE
SELECT FOR AUTO_ID24 = 24
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID24 = 24
```

```
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 35  
SELECT FOR AUTO_ID35 = 35  
CALCULATE Y02_AutoID = 35  
SAVE  
SELECT FOR AUTO_ID35 = 35  
CALCULATE YR_2002 = 2002  
SAVE  
SELECT FOR AUTO_ID35 = 35  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID35 = 35  
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 42  
SELECT FOR AUTO_ID42 = 42  
CALCULATE Y03_AutoID = 42  
SAVE  
SELECT FOR AUTO_ID42 = 42  
CALCULATE YR_2003 = 2003  
SAVE  
SELECT FOR AUTO_ID42 = 42  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID42 = 42  
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 43  
SELECT FOR AUTO_ID43 = 43  
CALCULATE Y03_AutoID = 43  
SAVE  
SELECT FOR AUTO_ID43 = 43  
CALCULATE YR_2003 = 2003  
SAVE  
SELECT FOR AUTO_ID43 = 43  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID43 = 43  
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 44  
SELECT FOR AUTO_ID44 = 44
```

```
CALCULATE Y03_AutoID = 44
SAVE
SELECT FOR AUTO_ID44 = 44
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID44 = 44
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID44 = 44
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 45
SELECT FOR AUTO_ID45 = 45
CALCULATE Y03_AutoID = 45
SAVE
SELECT FOR AUTO_ID45 = 45
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID45 = 45
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID45 = 45
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 46
SELECT FOR AUTO_ID46 = 46
CALCULATE Y03_AutoID = 46
SAVE
SELECT FOR AUTO_ID46 = 46
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID46 = 46
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID46 = 46
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 47
SELECT FOR AUTO_ID47 = 47
CALCULATE Y03_AutoID = 47
SAVE
SELECT FOR AUTO_ID47 = 47
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID47 = 47
```

```
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID47 = 47  
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 48  
SELECT FOR AUTO_ID48 = 48  
CALCULATE Y03_AutoID = 48  
SAVE  
SELECT FOR AUTO_ID48 = 48  
CALCULATE YR_2003 = 2003  
SAVE  
SELECT FOR AUTO_ID48 = 48  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID48 = 48  
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 49  
SELECT FOR AUTO_ID49 = 49  
CALCULATE Y03_AutoID = 49  
SAVE  
SELECT FOR AUTO_ID49 = 49  
CALCULATE YR_2003 = 2003  
SAVE  
SELECT FOR AUTO_ID49 = 49  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID49 = 49  
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 50  
SELECT FOR AUTO_ID50 = 50  
CALCULATE Y03_AutoID = 50  
SAVE  
SELECT FOR AUTO_ID50 = 50  
CALCULATE YR_2003 = 2003  
SAVE  
SELECT FOR AUTO_ID50 = 50  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID50 = 50  
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 51
SELECT FOR AUTO_ID51 = 51
CALCULATE Y03_AutoID = 51
SAVE
SELECT FOR AUTO_ID51 = 51
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID51 = 51
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID51 = 51
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 52
SELECT FOR AUTO_ID52 = 52
CALCULATE Y03_AutoID = 52
SAVE
SELECT FOR AUTO_ID52 = 52
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID52 = 52
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID52 = 52
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 53
SELECT FOR AUTO_ID53 = 53
CALCULATE Y03_AutoID = 53
SAVE
SELECT FOR AUTO_ID53 = 53
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID53 = 53
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID53 = 53
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 64
SELECT FOR AUTO_ID64 = 64
CALCULATE Y03_AutoID = 64
SAVE
SELECT FOR AUTO_ID64 = 64
```

```
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID64 = 64
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID64 = 64
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 67
SELECT FOR AUTO_ID67 = 67
CALCULATE Y08_AutoID = 67
SAVE
SELECT FOR AUTO_ID67 = 67
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID67 = 67
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID67 = 67
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 68
SELECT FOR AUTO_ID68 = 68
CALCULATE Y03_AutoID = 68
SAVE
SELECT FOR AUTO_ID68 = 68
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID68 = 68
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID68 = 68
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 74
SELECT FOR AUTO_ID74 = 74
CALCULATE Y04_AutoID = 74
SAVE
SELECT FOR AUTO_ID74 = 74
CALCULATE YR_2004 = 2004
SAVE
SELECT FOR AUTO_ID74 = 74
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID74 = 74
```



```
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 75  
SELECT FOR AUTO_ID75 = 75  
CALCULATE Y04_AutoID = 75  
SAVE  
SELECT FOR AUTO_ID75 = 75  
CALCULATE YR_2004 = 2004  
SAVE  
SELECT FOR AUTO_ID75 = 75  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID75 = 75  
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 85  
SELECT FOR AUTO_ID85 = 85  
CALCULATE Y05_AutoID = 85  
SAVE  
SELECT FOR AUTO_ID85 = 85  
CALCULATE YR_2005 = 2005  
SAVE  
SELECT FOR AUTO_ID85 = 85  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID85 = 85  
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 87  
SELECT FOR AUTO_ID87 = 87  
CALCULATE Y05_AutoID = 87  
SAVE  
SELECT FOR AUTO_ID87 = 87  
CALCULATE YR_2005 = 2005  
SAVE  
SELECT FOR AUTO_ID87 = 87  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID87 = 87  
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
&ROUTINE 102  
SELECT FOR AUTO_ID102 = 102
```

```
CALCULATE Y07_AutoID = 102
SAVE
SELECT FOR AUTO_ID102 = 102
CALCULATE YR_2007 = 2007
SAVE
SELECT FOR AUTO_ID102 = 102
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID102 = 102
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 107
SELECT FOR AUTO_ID107 = 107
CALCULATE Y08_AutoID = 107
SAVE
SELECT FOR AUTO_ID107 = 107
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID107 = 107
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID107 = 107
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 108
SELECT FOR AUTO_ID108 = 108
CALCULATE Y08_AutoID = 108
SAVE
SELECT FOR AUTO_ID108 = 108
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID108 = 108
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID108 = 108
CALCULATE Rad_10m_500m = 500
SAVE
&RETURN
```

```
&ROUTINE 123
SELECT FOR AUTO_ID123 = 123
CALCULATE Y08_AutoID = 123
SAVE
SELECT FOR AUTO_ID123 = 123
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID123 = 123
```

```
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID123 = 123  
CALCULATE Rad_10m_500m = 500  
SAVE  
&RETURN
```

```
/** ----- 450 m Radius -----  
&ROUTINE 93  
SELECT FOR AUTO_ID93 = 93  
CALCULATE Y06_AutoID = 93  
SAVE  
SELECT FOR AUTO_ID93 = 93  
CALCULATE YR_2006 = 2006  
SAVE  
SELECT FOR AUTO_ID93 = 93  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID93 = 93  
CALCULATE Rad_10m_500m = 450  
SAVE  
&RETURN
```

```
/** ----- 300 m Radius -----  
&ROUTINE 4  
SELECT FOR AUTO_ID4 = 4  
CALCULATE Y97_AutoID = 4  
SAVE  
SELECT FOR AUTO_ID4 = 4  
CALCULATE YR_1997 = 1997  
SAVE  
SELECT FOR AUTO_ID4 = 4  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID4 = 4  
CALCULATE Rad_10m_500m = 300  
SAVE  
&RETURN
```

```
/** ----- 250 M Radius -----  
&ROUTINE 111  
SELECT FOR AUTO_ID111 = 111  
CALCULATE Y08_AutoID = 111  
SAVE  
SELECT FOR AUTO_ID111 = 111  
CALCULATE YR_2008 = 2008  
SAVE  
SELECT FOR AUTO_ID111 = 111  
CALCULATE LocClass_A = 'A'  
SAVE  
SELECT FOR AUTO_ID111 = 111
```

```
CALCULATE Rad_10m_500m = 250
SAVE
&RETURN
```

```
/** ----- 200 m Radius -----
```

```
&ROUTINE 7
SELECT FOR AUTO_ID7 = 7
CALCULATE Y98_AutoID = 7
SAVE
SELECT FOR AUTO_ID7 = 7
CALCULATE YR_1998 = 1998
SAVE
SELECT FOR AUTO_ID7 = 7
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID7 = 7
CALCULATE Rad_10m_500m = 200
SAVE
&RETURN
```

```
&ROUTINE 56
SELECT FOR AUTO_ID56 = 56
CALCULATE Y03_AutoID = 56
SAVE
SELECT FOR AUTO_ID56 = 56
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID56 = 56
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID56 = 56
CALCULATE Rad_10m_500m = 200
SAVE
&RETURN
```

```
&ROUTINE 57
SELECT FOR AUTO_ID57 = 57
CALCULATE Y03_AutoID = 57
SAVE
SELECT FOR AUTO_ID57 = 57
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID57 = 57
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID57 = 57
CALCULATE Rad_10m_500m = 200
SAVE
&RETURN
```

```
&ROUTINE 58
```

```

SELECT FOR AUTO_ID58 = 58
CALCULATE Y03_AutoID = 58
SAVE
SELECT FOR AUTO_ID58 = 58
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID58 = 58
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID58 = 58
CALCULATE Rad_10m_500m = 200
SAVE
&RETURN

```

```

/** ----- 100 m Radius -----

```

```

&ROUTINE 71
SELECT FOR AUTO_ID71 = 71
CALCULATE Y03_AutoID = 71
SAVE
SELECT FOR AUTO_ID71 = 71
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID71 = 71
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID71 = 71
CALCULATE Rad_10m_500m = 100
SAVE
&RETURN

```

```

&ROUTINE 81
SELECT FOR AUTO_ID81 = 81
CALCULATE Y03_AutoID = 81
SAVE
SELECT FOR AUTO_ID81 = 81
CALCULATE YR_2003 = 2003
SAVE
SELECT FOR AUTO_ID81 = 81
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID81 = 81
CALCULATE Rad_10m_500m = 100
SAVE
&RETURN

```

```

&ROUTINE 82
SELECT FOR AUTO_ID82 = 82
CALCULATE Y05_AutoID = 82
SAVE
SELECT FOR AUTO_ID82 = 82
CALCULATE YR_2005 = 2005

```

```
SAVE
SELECT FOR AUTO_ID82 = 82
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID82 = 82
CALCULATE Rad_10m_500m = 100
SAVE
&RETURN
```

```
&ROUTINE 88
SELECT FOR AUTO_ID88 = 88
CALCULATE Y05_AutoID = 88
SAVE
SELECT FOR AUTO_ID88 = 88
CALCULATE YR_2005 = 2005
SAVE
SELECT FOR AUTO_ID88 = 88
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID88 = 88
CALCULATE Rad_10m_500m = 100
SAVE
&RETURN
```

```
&ROUTINE 106
SELECT FOR AUTO_ID106 = 106
CALCULATE Y08_AutoID = 106
SAVE
SELECT FOR AUTO_ID106 = 106
CALCULATE YR_2008 = 2008
SAVE
SELECT FOR AUTO_ID106 = 106
CALCULATE LocClass_B = 'B'
SAVE
SELECT FOR AUTO_ID106 = 106
CALCULATE Rad_10m_500m = 100
SAVE
&RETURN
```

```
/** ----- 10 m Radius -----
```

```
&ROUTINE 5
SELECT FOR AUTO_ID5 = 5
CALCULATE Y97_AutoID = 5
SAVE
SELECT FOR AUTO_ID5 = 5
CALCULATE YR_1997 = 1997
SAVE
SELECT FOR AUTO_ID5 = 5
CALCULATE LocClass_A = 'A'
SAVE
SELECT FOR AUTO_ID5 = 5
```

```
CALCULATE Rad_10m_500m = 10  
SAVE  
&RETURN
```