Code Definitions of STATIONS.dbf

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STATIONS.dbf is the administration file that contains general station information. Information incorporated into this file for each station includes: a) station identification information; b) details of station location; c) basic habitat information; d) registration status; and e) history of operation.

1. LOC: location code (identifies national forest, national park, military installation or other location where a single station or a set of stations is located and is run by a single operator). Location codes are unique.

2. STA: unique five digit station number

3. STA2: super-station number (indicates whether or not the station center is in close enough proximity [within 1350m] to the centers of one or more other stations for them to be grouped together as a super-station for survivorship analyses). The super-station number is the lowest station number + "S" for groups of two or more stations or is represented by six dashes ("------") for ungrouped single stations. Groups of stations for which the proximity of the station centers to one another are not exactly known because of imprecise latitude and longitude coordinates the number is the lowest station number + "?" for groups of two or more stations.

4. STATION: four-character station code. A station is defined as a discrete study area consisting of a number of net sites. Station codes are unique within a location.

5. NAME: name of station

6. LHOLD: land holding. The organization that owns the land the station is located on. The first letter in this field denotes the American federal department or indicates a non-federal owner. The second letter is the specific branch of the federal department.

A -United States Department of Agriculture
- F - Forest Service

D -United States Department of Defense
- A - Army
- C - Coast Guard
- E - United States Department of Energy (grouped with DoD as per Phil's request)
- G - National Guard
- M - Marine
- N - Navy
- O - Air Force
- X - Army Corps of Engineers

I - United States Department of the Interior
- B - Bureau of Land Management
- G - Geological Survey
- I - Bureau of Indian Affairs
- P - National Park Service (NP or NRA)
- R - Bureau of Reclamation
- W - Fish and Wildlife Service (NWR)

O - United States Department of Commerce

N - National Oceanic and Atmospheric Administration (NOAA)

V - Environmental Protection Agency

S - State government

C - City or county government

P - Private

F - Non-American land holding
C - city or county
D - Department of Defense/military
F - forest service
P - national park
R - private
S - state or province
W - fish and wildlife service
"-"- landholder unknown

7. HOLDCERT: land holding certainty. This is a temporary field in which is noted the certainty of the organization owning the land.
+ - The determination is certain and confirmed with the operator or current GIS map
" " - blank. There is some uncertainty in the determination
? - there is great uncertainty in the determination

8. O: operator type
A - agency station. Operated by The Institute for Bird Populations (IBP) personnel using IBP bands
I - independent station. Has always been operated by non-IBP personnel; do not use IBP bands.
D - previously operated by IBP personnel (usually on DOD lands) but operations have been taken over by non-IBP personnel and do not use IBP bands
B - previously operated by IBP personnel but operations have been taken over by non-IBP personnel. Uses IBP bands for operations, therefore, IBP is responsible for scheduling and insuring permitting requirements are met.
S - has always been operated by non-IBP personnel but uses IBP bands. IBP is responsible for scheduling and insuring permitting requirements are met.

9. NEARTOWN: nearest community (straight line) determined from coordinates and a road atlas (typically Rand McNally's)

10. COUNTY: county/counties in which the station is located (includes parishes, boroughs, independent cities, etc.)

11. STATE: two-character postal code for state, province, or territory in which the station is located

12. US: 1 character designation to indicate if the station is in the (U)nited States or (C)anada

13. REGION: MAPS region (1-8)

14. BLOCK: ten-minute block designation for station, following BBL protocol

15. LATITUDE: latitude of station as precisely as known up to nearest second; given as DD MM SS (degrees, minutes, seconds)

16. LONGITUDE: longitude of station as precisely as known up to nearest second; given as DDDD MM SS (degrees, minutes, seconds)

17. PRECISION: level of precision of latitude-longitude determination.
BLK = 10-minute block
10M = 10 minutes
01M = 01 minute
10S = 10 seconds
05S = 5 seconds
01S = 1 second
"-" = no latitude nor longitude information available for this station

18. SOURCE: source of latitude and longitude coordinates.
GIS - GIS program (can include ArcView, ArcMAP, etc)
GPS - hand held GPS unit
Web - Web based mapping program (can include topozone.com, Google Earth, etc)
hard - hard copy map (can include USGS topographic map, county map, etc.)

19. DATUM: The reference point around which latitude and longitude are structured.
NAD27 - North American Datum of 1927 is a datum based on the Clarke ellipsoid of 1866
NAD83 - North American Datum of 1983 is an earth-centered datum based on the Geodetic Reference System of 1980. Considered equivalent to the WGS84 datum for this database.
"-" - (dash) confirmed datum information not available for these coordinates.

20. DECLAT: latitude of station as precisely as known up to nearest second; given as DD.ddddd (decimal degrees) Coordinates are given in datum NAD83 if the datum of the original coordinates are known. Decimal coordinates are also provided for datum unknown original coordinates. The NAD83 field indicates if NAD83 coordinates are provided or not. Missing values are given as 99.99999.

21. DECLNG: longitude station as precisely as known up to nearest second; given as DDDD.ddddd (decimal degrees) Coordinates are given in datum NAD83 if the datum of the original coordinates are known. Decimal coordinates are also provided for datum unknown original coordinates. The NAD83 field indicates if NAD83 coordinates are provided or not. Missing values are given as 999.99999.

22. NAD83: whether the DECLAT and DECLNG coordinates are in datum NAD83 or of unknown datum
x - coordinates in datum NAD83
"-" - coordinate datum unknown

23. ELEV: average elevation (above mean sea level - amsl) in meters at which the station is located
9999 = no elevation information available for this station

24. STRATUM: Breeding Bird Survey (BBS) physiographic stratum/province in which station is located as determined from coordinates and maps

25. BCR: Bird Conservation Region in which station is located as determined from coordinates and maps

26. HABITAT: operator's description of habitat(s)

27. REG: 'X' if registration form is on file for station

28. PASSED: whether or not the operator of the station has been awarded certification on the program MAPSPROG
    - " " - no comparison of the operator's MAPSPROG verified data has been made against data verified by IBP personnel or the operator does not use MAPSPROG.
    - Y<yr> - a comparison has been performed and the operator's MAPSPROG data was very comparable to that verified by IBP personnel; yr= most recent data year upon which the comparison was performed.
    - N<yr> - a comparison was performed but the operator's final MAPSPROG data had several important differences from the final files created during verification by IBP personnel; yr= most recent data year upon which the comparison was performed.

29. MAP:
    - X - current map of station showing habitat types and net sites is confirmed to be on file
    - x - current map of station showing habitat types and net sites is believed to be on file but it has not been confirmed that it can be used for current GIS analyses
    - "." - no current map is present and has been confirmed by examining the hard copy files
    - " " - no current map believed to be present but this needs to be confirmed by examining the hard copy files

30-76. D<yr> and Y<yr> fields. D<yr> fields indicate the status of the data for the year and Y<yr> fields indicate the status of operation of the station for the year.
- D<yr> - The following codes can be used in any of the D<yr> fields
    - X -banding data received for the year
    - H - unable to acquire the data from the station operator, but the station was operated in the year
    - L - data lost by the station operator, but the station was operated in the year
    - P - only partial data available. Not enough for analysis, e.g. no recapture records provided by operator.
- Y<yr> - The following codes can be used in any of the Y<yr> fields
    - X -station believed to have been operated in the year
    - ? - uncertain if station was operated in the year

30. D89: data received status for 1989

31. D90: data received status for 1990

32. D91: data received status for 1991

33. D92: data received status for 1992

34. D93: data received status for 1993

35. D94: data received status for 1994

36. D95: data received status for 1995

37. D96: data received status for 1996

38. D97: data received status for 1997

39. D98: data received status for 1998

40. Y99: station operation status for 1999

41. D99: data received status for 1999

42. Y00: station operation status for 2000

43. D00: data received status for 2000

44. Y01: station operation status for 2001

45. D01: data received status for 2001

46. Y02: station operation status for 2002

47. D02: data received status for 2002

48. Y03: station operation status for 2003

49. D03: data received status for 2003

50. Y04: station operation status for 2004

51. D04: 'X' if banding data received for 2004

52. Y05: station operation status for 2005

53. D05: 'X' if banding data received for 2005

54. Y06: station operation status for 2006

55. D06: 'X' if banding data received for 2006

56. Y07: station operation status for 2007

57. D07: 'X' if banding data received for 2007

58. Y08: station operation status for 2008

59. D08: 'X' if banding data received for 2008

60. Y09: station operation status for 2009

61. D09: 'X' if banding data received for 2009

62. Y10: station operation status for 2010

63. D10: 'X' if banding data received for 2010

64. Y11: station operation status for 2011

65. D11: 'X' if banding data received for 2011

66. Y12: station operation status for 2012

67. D12: 'X' if banding data received for 2012

68. Y13: station operation status for 2013

69. D13: 'X' if banding data received for 2013

70. Y14: station operation status for 2014

71. D14: 'X' if banding data received for 2014

72. Y15: station operation status for 2015

73. D15: 'X' if banding data received for 2015

74. Y16: station operation status for 2016

75. D16: 'X' if banding data received for 2016

76. Y17: station operation status for 2017

77. D17: 'X' if banding data received for 2017

78. Y18: station operation status for 2018

79. HISTORY: year(s) in which the station was operated

80. YRSOP: number of years of operation