

	A	B	C	D	E	F	G	H
1	Date	Fishery Surveys	Fishery Habitat	Fishery Creel Surveys	Fishery Commercial Harvest	Aquatic Mollusk Surveys	Macro-invertebrate Surveys	Other Aquatic Resources
2	13-Apr-01	0	0	0	0	1	1	0
3	13-Apr-01	1	0	1	1	0	0	0
4	13-Apr-01	0	0	0	0	0	0	0
5	13-Apr-01	0	0	0	0	0	0	0
6	13-Apr-01	0	0	0	0	0	0	0
7	13-Apr-01	0	0	0	0	0	0	0
8	13-Apr-01	1	1	1	0	1	1	1
9	13-Apr-01	1	0	1	0	0	0	0
10	16-Apr-01	0	0	0	0	0	0	0
11	27-Apr-01	1	1	1	1	1	1	1
12	27-Apr-01	0	0	0	0	0	0	0
13	9-May-01	0	0	0	0	0	0	1
14	9-May-01	0	0	0	0	0	0	1
15	9-May-01	0	0	0	0	0	0	0
16	9-May-01	1	0	1	0	0	0	0
17	9-May-01	1	0	0	0	1	1	1
18	9-May-01	0	0	0	0	0	1	0
19	9-May-01	1	0	0	0	1	1	1
20	15-May-01	0	0	0	0	0	0	0
21	29-May-01	1	1	0	0	0	0	0
22	29-May-01	1	1	0	0	1	1	0
23	30-May-01	0	0	0	0	0	0	0
24	31-May-01	1	1	1	1	0	0	0
25	1-Jun-01	0	0	0	0	0	0	0
26	1-Jun-01	0	0	0	0	0	0	0
27	14-Jun-01	0	0	0	0	0	0	0
28	13-Jul-01	1	1	1	1	0	1	0
29	13-Jul-01	1	0	0	0	0	0	0
30	13-Jul-01	0	0	0	0	0	0	1
31	13-Jul-01	1	1	0	0	0	0	0
32	13-Jul-01	0	0	0	0	0	0	1
33	17-Jul-01	1	1	1	1	0	0	0
34	24-Jul-01	0	1	0	0	0	0	0
35	24-Jul-01	0	0	0	0	0	0	0
36	24-Jul-01	0	0	0	0	0	0	0
37	13-Aug-01	0	0	0	0	0	0	0
38	7-Sep-01	0	0	0	0	0	0	0
39								
40		14	9	8	5	6	8	8

	I	J	K	L	M	N	O	P	Q
1	Date	Wildlife Surveys	Wildlife Habitat	Wildlife Harvest	Forest Resources	Other Terrestrial Wildlife	Air Monitoring	Physical Monitoring	Chemical Monitoring
2	13-Apr-01	0	1	0	1	1	0	0	0
3	13-Apr-01	0	0	0	0	0	0	0	0
4	13-Apr-01	0	0	0	0	0	0	0	0
5	13-Apr-01	0	0	0	0	0	0	0	0
6	13-Apr-01	1	0	1	0	0	0	0	0
7	13-Apr-01	0	0	0	0	0	0	0	0
8	13-Apr-01	1	1	1	1	1	1	1	1
9	13-Apr-01	0	0	0	0	0	0	0	0
10	16-Apr-01	0	0	0	0	0	0	0	0
11	27-Apr-01	1	1	1	0	1	0	0	0
12	27-Apr-01	0	0	0	0	0	0	0	0
13	9-May-01	0	0	0	0	0	0	0	0
14	9-May-01	0	0	0	0	0	0	0	0
15	9-May-01	1	0	0	0	0	0	0	0
16	9-May-01	0	0	0	0	0	0	0	0
17	9-May-01	0	0	0	0	0	0	1	1
18	9-May-01	0	0	0	0	0	0	1	1
19	9-May-01	1	0	0	0	0	0	0	0
20	15-May-01	0	0	0	0	0	0	0	0
21	29-May-01	0	0	0	0	0	0	0	1
22	29-May-01	1	1	0	0	0	0	0	0
23	30-May-01	0	0	0	0	0	0	0	0
24	31-May-01	0	0	0	0	0	0	0	0
25	1-Jun-01	1	1	0	1	0	0	0	0
26	1-Jun-01	0	0	0	0	1	0	0	0
27	14-Jun-01	1	0	0	1	0	0	0	0
28	13-Jul-01	0	0	0	0	0	0	0	0
29	13-Jul-01	0	0	0	0	0	0	0	0
30	13-Jul-01	0	0	0	0	0	0	0	0
31	13-Jul-01	0	0	0	0	0	0	0	0
32	13-Jul-01	0	0	0	0	1	0	0	0
33	17-Jul-01	1	1	1	0	0	0	0	0
34	24-Jul-01	0	1	0	0	1	0	0	0
35	24-Jul-01	1	0	0	0	0	0	0	0
36	24-Jul-01	1	0	0	0	0	0	0	0
37	13-Aug-01	0	0	0	0	0	0	0	0
38	7-Sep-01	0	0	0	0	0	0	0	0
39									
40		11	7	4	4	6	1	3	4

	R	S	T	U	V	W	X	Y
1	Date	Law Enforcement	Hunting/Fishing/Other Licenses	Spatial (GIS/GPS)	Administrative/Organizational	Other	No standards	Some in progress
2	13-Apr-01	0	0	0	0	0	0	0
3	13-Apr-01	0	0	0	0	0	0	0
4	13-Apr-01	0	0	1	0	0	0	0
5	13-Apr-01	0	1	0	0	0	0	0
6	13-Apr-01	0	0	0	0	0	0	0
7	13-Apr-01	0	0	0	1	0	0	0
8	13-Apr-01	0	0	0	0	0	0	0
9	13-Apr-01	0	0	0	0	0	0	0
10	16-Apr-01	0	0	1	0	0	0	0
11	27-Apr-01	1	1	0	1	0	0	0
12	27-Apr-01	0	0	1	0	0	0	0
13	9-May-01	0	0	0	0	0	0	0
14	9-May-01	0	0	0	0	0	0	0
15	9-May-01	0	0	0	0	0	0	1
16	9-May-01	0	0	0	0	0	0	0
17	9-May-01	0	0	0	0	0	0	0
18	9-May-01	0	0	0	0	0	0	0
19	9-May-01	0	0	1	0	0	0	0
20	15-May-01	0	0	1	1	0	0	1
21	29-May-01	0	0	1	0	0	0	0
22	29-May-01	0	0	1	0	0	0	0
23	30-May-01	0	0	1	0	0	0	0
24	31-May-01	0	0	0	0	0	0	0
25	1-Jun-01	0	0	1	1	0	0	0
26	1-Jun-01	0	0	0	0	0	0	0
27	14-Jun-01	0	0	0	0	0	0	0
28	13-Jul-01	0	0	1	0	0	0	0
29	13-Jul-01	0	0	0	0	0	0	0
30	13-Jul-01	0	0	0	0	0	0	0
31	13-Jul-01	0	0	0	0	0	0	0
32	13-Jul-01	0	0	0	0	0	0	0
33	17-Jul-01	1	1	0	0	0	0	0
34	24-Jul-01	0	0	0	0	0	0	0
35	24-Jul-01	0	0	0	0	0	0	0
36	24-Jul-01	0	0	0	0	0	0	0
37	13-Aug-01	0	0	0	0	1	0	0
38	7-Sep-01	0	0	0	0	1	0	0
39								
40		2	3	10	4	2	0	2

	Z	AA
1	Date	Subject Area - COMMENTS
2	13-Apr-01	
3	13-Apr-01	
4	13-Apr-01	
5	13-Apr-01	
6	13-Apr-01	
7	13-Apr-01	
8	13-Apr-01	Aquatic includes plankton; Forest Resources include lichens, bryophytes, fungi stramenopila, vascular plants; Terrestrial includes vertebrates and invertebrates; Chemical includes soil, sediment, surface water, groundwater, public water systems, wastewater, leachate, lysimeter, porewater.
9	13-Apr-01	
10	16-Apr-01	
11	27-Apr-01	Kentucky Dept. of Fish & Wildlife Resources (KDFWR) conducts research in all the above areas. The Kentucky Fish & Wildlife Information System (KFWIS) is involved only in the spatial aspect of these programs. Standards are set by staff responsible for collecting, analyzing, and reporting.
12	27-Apr-01	Standards have been developed for gathering GPS coordinates and storage of associated species distribution data. Kentucky Fish & Wildlife Information System (KFWIS) adheres to standards developed by KY Office of GIS for other spatial data (i.e., State Plane Coordinate System, use
13	9-May-01	Inventory of managed state waters
14	9-May-01	Historic fish stocking data 1979-2000
15	9-May-01	Standards and delivery dependent on particular Bureau or project doing data collection and entry. Further Division of Wildlife standards are being developed for software products used, software development methodology, data archiving and warehousing, but they are not are expected till
16	9-May-01	Fisheries Surveys standards limited to marine sport fish only
17	9-May-01	Phytoplankton, mezo and microzooplankton, soft bottom benthos
18	9-May-01	Physical -- 1) stream habitat and 2) pH, conductivity, temperature, flow. Chemical -- surface water: nutrients and metals.
19	9-May-01	This example survey describes how the Virginia Department of Game and Inland Fisheries' wildlife collections data entry standards could be described.
20	15-May-01	The U.S. Fish and Wildlife Service (USFWS) data standards are divided into five categories: Classification Systems, Data Elements, Data Layers, Data Sets, and Procedures. The majority of data standards are available on the USFWS Internet site specified below. However, a few data st
21	29-May-01	In this instance, specific standards pertain to the survey of coldwater streams for the management of trout fisheries. 1 water chemistry values are collected to further define habitat characteristics and classify stream segments.
22	29-May-01	This survey pertains to the VA Dept. of Game and Inland Fisheries' Internet-based Wildlife Information Online Service, a suite of related wildlife and habitat databases and coverages. In a number of instances (e.g., Breeding Bird Survey), data collection and/or data entry standards are ma
23	30-May-01	
24	31-May-01	
25	1-Jun-01	We are working on Marbled Murrelet research in British Columbia, Canada, and I suggested centralized data storage data formats for nests, habitat, research, marine and terrestrial surveys. There are RIC (Resource Inventory Committee) standards in B.C. Canada, but they do not always
26	1-Jun-01	Karner blue butterfly populations and habitat
27	14-Jun-01	
28	13-Jul-01	Responses are related only to the StreamNet project at PSMFC.
29	13-Jul-01	This response is in regard to the Virginia Cold Water Stream Survey database.
30	13-Jul-01	Threatened and endangered species waters GIS: these spatial data identify stream reaches containing threatened or endangered species and associated habitat. These data are still in development. Release expected soon.
31	13-Jul-01	This database and spatial data are being developed to identify impediments to fish passage, confirmed anadromous fish use areas, and potential anadromous fish use areas.
32	13-Jul-01	This database houses information obtained through our scientific collection permitting process. Researchers in the state must submit a report of what species were collected over the year, where they were collected, and the date of collection.
33	17-Jul-01	
34	24-Jul-01	Fishery Habitat, Wildlife Habitat, Other Terrestrial Wildlife include habitat associations, environmental associations, and life history requirements. Our Biota of Virginia database includes information on v
35	24-Jul-01	Wildlife Survey includes the Virginia State Breeding Bird Atlas
36	24-Jul-01	The Colonial Waterbird Survey database is a compilation of three datasets (US Fish and Wildlife Service, Center for Conservation Biology at William and Mary, and Cornell University) which were manu
37	13-Aug-01	Library/Reference standards
38	7-Sep-01	Library/Information
39		
40		

	AD	AE	AF	AG	AH	AI	AJ
1	Date	TS - Data Coll	FNIS - Data Coll-SUM	SD - Data Coll Sum	TS - Data Entry/Information Compilation	FNIS - Data Entry SUM	SD - Data Entry Sum
2	13-Apr-01	1	2	2	1	2	2
3	13-Apr-01	0	0	0	1	3	2
4	13-Apr-01	1	3	0	1	3	2
5	13-Apr-01	1	1	2	1	1	2
6	13-Apr-01	1	1	2	1	1	2
7	13-Apr-01	1	1	2	0	0	0
8	13-Apr-01	1	1	2	0	0	0
9	13-Apr-01	1	1	2	0	1	1
10	16-Apr-01	1	3	3.1	1	3	3.1
11	27-Apr-01	0	0	0	0	0	0
12	27-Apr-01	1	5	2.1	1	1	1
13	9-May-01	0	0	0	1	1	2
14	9-May-01	1	1	2	1	1	2
15	9-May-01	1	1	2	1	1	2
16	9-May-01	1	3	2	1	3	2
17	9-May-01	1	3	3.1	1	3	3.1
18	9-May-01	1	2	2	1	2	2
19	9-May-01	0	0	0	1	4	2
20	15-May-01	1	2	2	0	0	0
21	29-May-01	1	2	2	1	3	2
22	29-May-01	1	1	2	1	5	2
23	30-May-01	0	0	0	1	1	2
24	31-May-01	1	3	2.1	1	3	2.1
25	1-Jun-01	1	1	2.1	1	1	2.1
26	1-Jun-01	1	1	2	0	1	0
27	14-Jun-01	1	1	3	1	1	0
28	13-Jul-01	0	0	0	1	5	0
29	13-Jul-01	1	1	2	1	3	2
30	13-Jul-01	0	0	1	1	3	1
31	13-Jul-01	1	2	2.1	1	3	2
32	13-Jul-01	0	0	3	1	3	2
33	17-Jul-01	1	2	2	1	2	2
34	24-Jul-01	0	0	0	1	4	2.1
35	24-Jul-01	1	1	2.1	1	2	2.1
36	24-Jul-01	1	1	1	1	2	1
37	13-Aug-01	0	1	3.1	0	2	1
38	7-Sep-01	0	0	0	0	0	0
39							
40		26			29		

	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	Date	TS - Data Mgt	FNIS - Data Mgt SUM	SD - Data Mgt Sum	TS - Data Del	FNIS - Data Del SUM	SD - Data Del Sum	TS - Software	FNIS - Software Sum	SD - Software Sum
2	13-Apr-01	1	2	2	1	2	2	1	1	2
3	13-Apr-01	1	3	2	0	0	0	0	0	0
4	13-Apr-01	1	3	2	0	0	0	1	3	2
5	13-Apr-01	1	1	2	1	1	2	1	1	2
6	13-Apr-01	1	1	2	1	1	3	1	1	2
7	13-Apr-01	0	0	0	0	0	0	1	1	2
8	13-Apr-01	0	0	0	0	0	0	0	0	0
9	13-Apr-01	0	1	1	0	0	1	0	1	1
10	16-Apr-01	0	0	0	1	3	0	0	0	0
11	27-Apr-01	0	0	0	0	0	0	0	0	0
12	27-Apr-01	1	1	1	1	1	2.1	1	1	2
13	9-May-01	1	1	2	0	0	0	0	0	0
14	9-May-01	0	0	0	0	0	0	0	0	0
15	9-May-01	1	1	1	1	1	1	0	0	0
16	9-May-01	0	0	0	0	0	0	0	0	0
17	9-May-01	1	0	1	1	5	2	1	5	1
18	9-May-01	1	1	0	0	0	0	0	0	0
19	9-May-01	0	0	0	0	0	0	0	0	0
20	15-May-01	1	1	2.1	0	0	0	0	0	0
21	29-May-01	1	2	2	1	3	2	1	2	2
22	29-May-01	1	2	2	1	3	2	1	2	0
23	30-May-01	0	0	0	0	0	0	1	1	2
24	31-May-01	1	3	2.1	0	0	2.1	0	0	2.1
25	1-Jun-01	1	1	2.1	0	0	0	1	1	2.1
26	1-Jun-01	0	0	0	0	0	0	0	0	0
27	14-Jun-01	0	0	0	0	0	0	0	1	0
28	13-Jul-01	1	5	2	1	4	3.1	0	0	0
29	13-Jul-01	1	3	2	1	3	2.1	1	1	0
30	13-Jul-01	1	3	1	1	3	2.1	1	1	1
31	13-Jul-01	1	3	0	1	3	2.1	1	1	0
32	13-Jul-01	1	3	2	1	2	3.1	1	1	0
33	17-Jul-01	1	2	1	1	2	2	1	1	2
34	24-Jul-01	0	0	1	0	0	0	0	0	0
35	24-Jul-01	0	0	1	1	2	2.1	0	0	0
36	24-Jul-01	0	0	0	1	2	2.1	0	0	0
37	13-Aug-01	0	1	2	0	1	1	0	1	0
38	7-Sep-01	0	0	0	0	0	0	0	0	0
39										
40		21			17			16		

O2K1_Survey_Results

	AU	AV	AW	AX	AY	AZ	BA
1	Date	TS - Ref/Lib	FNIS - Ref/Lib Sum	SD - Ref/Lib Sum	TS - Metadata	FNIS - Metadata Sum	SD - Metadata Sum
2	13-Apr-01	1	3	2	1	1	1
3	13-Apr-01	0	0	0	0	0	0
4	13-Apr-01	0	0	0	0	0	0
5	13-Apr-01	1	1	2	0	0	0
6	13-Apr-01	1	1	2	0	0	0
7	13-Apr-01	0	0	0	0	0	0
8	13-Apr-01	0	0	0	1	1	3.1
9	13-Apr-01	0	0	0	0	0	0
10	16-Apr-01	0	0	0	1	1	1
11	27-Apr-01	0	0	0	0	0	0
12	27-Apr-01	0	0	0	1	1	1
13	9-May-01	0	0	0	0	0	0
14	9-May-01	0	0	0	0	0	0
15	9-May-01	0	0	0	0	0	0
16	9-May-01	0	0	0	0	0	0
17	9-May-01	0	0	0	0	0	0
18	9-May-01	0	0	0	1	0	1
19	9-May-01	0	0	0	0	0	0
20	15-May-01	0	0	0	1	1	3.1
21	29-May-01	0	0	0	1	1	2
22	29-May-01	1	0	0	1	2	2
23	30-May-01	0	0	0	1	1	2
24	31-May-01	0	0	1	1	1	2.1
25	1-Jun-01	0	0	0	1	1	2.1
26	1-Jun-01	0	0	0	0	0	0
27	14-Jun-01	0	0	0	0	0	2
28	13-Jul-01	1	0	3	1	1	2
29	13-Jul-01	0	0	0	1	1	0
30	13-Jul-01	0	0	0	0	1	0
31	13-Jul-01	0	0	0	0	1	0
32	13-Jul-01	0	0	0	1	1	3.1
33	17-Jul-01	0	0	0	0	0	0
34	24-Jul-01	0	0	0	0	0	0
35	24-Jul-01	0	0	0	1	1	0
36	24-Jul-01	0	0	0	1	1	1
37	13-Aug-01	1	1	3	0	1	1
38	7-Sep-01	1	1	0	0	0	0
39							
40		7			16		

	BB	BC
1	Date	Types of Standards - COMMENTS
2	13-Apr-01	
3	13-Apr-01	
4	13-Apr-01	
5	13-Apr-01	
6	13-Apr-01	
7	13-Apr-01	
8	13-Apr-01	
9	13-Apr-01	Could never access the data collection standards example (or any of the other examples. I would click on it but then it would take me to the pdf version of the survey. Some of these categories (Data Management) were a little hard to interpret what w
10	16-Apr-01	
11	27-Apr-01	
12	27-Apr-01	
13	9-May-01	
14	9-May-01	
15	9-May-01	Data collection is standardized within a program, or Bureau and some limited standardization (for example recording of latitude and longitude) through the Division. Data entry ranges from intranet forms to desktop based, and delivery varies from intra
16	9-May-01	Marine Recreation Fisheries Statistics Survey, NOAA/NMFS
17	9-May-01	Chesapeake Bay Program CIMS data standards used available at www.chesapeakebay.net/data/index.htm
18	9-May-01	Standards are specified in Quality Assurance Project Plans (QAPP). Info in QAPPs are added to metadata. Standards somewhat specified on database application--we are using the EPA's new STORET to do this.
19	9-May-01	This survey describes the standards applied to the data entry procedures associated with capturing information about wildlife collections. The data are managed in the COLLECTIONS database maintained by VDGIF.
20	15-May-01	The majority of data standards pertain to core administrative data elements that are found in most of the major information systems used by USFWS personnel.
21	29-May-01	
22	29-May-01	In some instances, more specifically-defined standards exist for individual database components and are available through the system documentation. Standards discussed herein pertain to the Wildlife Information Online Service overall.
23	30-May-01	
24	31-May-01	Indiana DFW has developed standard sampling guidelines for lakes and streams and will be writing standards for creel surveys. This standards include where, how, when and what of the sampling event
25	1-Jun-01	All topics above should follow certain criteria in Canada or North America. There is a basic concept for U.S. on how to collect and describe topics for Marbled Murrelets, the Pacific Seabird Group (PSG) Protocol. But this is not binding for B.C. and slig
26	1-Jun-01	
27	14-Jun-01	
28	13-Jul-01	
29	13-Jul-01	The collection standards have been in place for several years. These were developed by the Fisheries Division. I am currently developing a new database application for entry, management, and delivery of the collected data.
30	13-Jul-01	
31	13-Jul-01	Data collection and data entry standards are divided among a couple of different places. Within this agency, data collection standards for fisheries surveys are developed and maintained within the Fisheries Division. Data entry standards were devel
32	13-Jul-01	
33	17-Jul-01	
34	24-Jul-01	
35	24-Jul-01	Data collection and data compilation standards were developed using national atlas protocols. Data delivery standards were developed as part of Agency protocols and services.
36	24-Jul-01	Each original set of data had its own data collection standards. Data compilation and delivery standards were set by the VA Dept. of Game and Inland Fisheries.
37	13-Aug-01	
38	7-Sep-01	
39		
40		

	BG	BH	BI	BJ	BK	BL	BM
1	Date	IS - Data Coll - No external standards us	FNIS - Data Coll - State/local standards	FNIS - Data Coll - FIPS	FNIS - Data Coll - HUC	FNIS - Data Coll - ITIS	FNIS - Data Coll - FGDC
2	13-Apr-01	0	1	0	0	1	0
3	13-Apr-01	0	0	0	0	0	0
4	13-Apr-01	0	0	1	1	1	0
5	13-Apr-01	0	1	0	0	0	0
6	13-Apr-01	0	1	0	0	0	0
7	13-Apr-01	0	0	0	0	0	0
8	13-Apr-01	0	0	1	0	0	0
9	13-Apr-01	0	1	0	0	0	0
10	16-Apr-01	0	1	1	0	0	1
11	27-Apr-01	0	0	0	0	0	0
12	27-Apr-01	0	1	1	1	1	1
13	9-May-01	0	0	0	0	0	0
14	9-May-01	0	0	1	0	0	0
15	9-May-01	0	0	0	0	0	0
16	9-May-01	0	0	0	1	0	1
17	9-May-01	0	0	0	1	1	1
18	9-May-01	0	0	0	1	0	0
19	9-May-01	0	0	0	0	0	0
20	15-May-01	0	0	0	0	0	1
21	29-May-01	0	0	0	0	0	1
22	29-May-01	0	0	0	0	0	0
23	30-May-01	0	0	0	0	0	0
24	31-May-01	0	1	1	1	0	0
25	1-Jun-01	0	0	0	0	0	0
26	1-Jun-01	1	0	0	0	0	0
27	14-Jun-01	0	0	0	0	0	0
28	13-Jul-01	0	0	0	0	0	0
29	13-Jul-01	1	0	0	0	0	0
30	13-Jul-01	0	0	0	0	0	0
31	13-Jul-01	0	0	1	1	0	0
32	13-Jul-01	0	0	0	0	0	0
33	17-Jul-01	0	1	0	0	1	0
34	24-Jul-01	0	0	0	0	0	0
35	24-Jul-01	0	1	0	0	0	0
36	24-Jul-01	0	1	0	0	0	0
37	13-Aug-01	0	0	0	0	0	0
38	7-Sep-01	0	0	0	0	0	0
39							
40		2	10	7	7	5	6

	BN	BO	BP	BQ
1	Date	FNIS - Data Coll - Other	FNIS - Data Coll-SUM	FNIS-COLL-CODE
2	13-Apr-01	0	36996	
3	13-Apr-01	0	36994	
4	13-Apr-01	0	36997	
5	13-Apr-01	0	36995	
6	13-Apr-01	0	36995	
7	13-Apr-01	1	36995	
8	13-Apr-01	0	36995	
9	13-Apr-01	0	36995	
10	16-Apr-01	0	37000	
11	27-Apr-01	0	37008	
12	27-Apr-01	0	37013	
13	9-May-01	0	37020	
14	9-May-01	0	37021	
15	9-May-01	1	37021	
16	9-May-01	1	37023	
17	9-May-01	0	37023	
18	9-May-01	1	37022	
19	9-May-01	0	37020	
20	15-May-01	1	37028	
21	29-May-01	1	37042	
22	29-May-01	1	37041	
23	30-May-01	0	37041	
24	31-May-01	0	37045	
25	1-Jun-01	1	37044	
26	1-Jun-01	0	37044	
27	14-Jun-01	1	37057	
28	13-Jul-01	0	37085	
29	13-Jul-01	0	37086	
30	13-Jul-01	0	37085	
31	13-Jul-01	0	37087	
32	13-Jul-01	0	37085	
33	17-Jul-01	0	37091	
34	24-Jul-01	0	37096	
35	24-Jul-01	0	37097	
36	24-Jul-01	0	37097	
37	13-Aug-01	1	37117	
38	7-Sep-01	0	37141	
39				
40		10		

	BR	BS
1	Date	FNIS - Data Coll - COMMENTS
2	13-Apr-01	
3	13-Apr-01	
4	13-Apr-01	
5	13-Apr-01	
6	13-Apr-01	
7	13-Apr-01	federal funding coding standards
8	13-Apr-01	
9	13-Apr-01	Standards developed within Fisheries Division for the State of Nebraska
10	16-Apr-01	
11	27-Apr-01	
12	27-Apr-01	
13	9-May-01	
14	9-May-01	
15	9-May-01	Some use of Federal Geographic Data Committee standards for metadata, but only on select projects. Taxonomic standards depend upon taxonomic class, for examples for Birds the American Ornithological Union Taxonomy is the most current.
16	9-May-01	Old NODC 'intellegent' species codes from 1980 still being used for data recoding and entry.
17	9-May-01	
18	9-May-01	Have incorporated EPA's Business Rules for latitude/longitude data standard. HUCs--we would like to use the 10 digit (old 11-digit) HUCs being developed by NRCS.
19	9-May-01	
20	15-May-01	The FGDC National Vegetation Classification System (NVCS) was formally adopted by the USFWS on August 26 1998. The USFWS National Wetlands Inventory (NWI) The Classification of Wetlands and Deepwater Habitats of the United States" by
21	29-May-01	Fisheries Division defined codes for streams, counties, quads, species, and drainages are used when capturing information about specific surveys. Other codes for habitat values and qualitative parameters Data are collected and reported on standar
22	29-May-01	Survey and habitat collections follow prescribed standards where defined or relevant. In many instances, data are not collected per se, but are garnered from literature, field reports, etc.
23	30-May-01	
24	31-May-01	we use unique codes for our sampling location, gear type and species designation
25	1-Jun-01	Following RIC standards, which are close to the ones from the Pacific Seabird Group, we have research and inventory standards (protocols). They are suppoed to get onto the WWW.
26	1-Jun-01	
27	14-Jun-01	Data Collection Protocols set by Federal Government Agency and PSG (Pacific Seabird Group - Professional Wildlife Society).
28	13-Jul-01	
29	13-Jul-01	
30	13-Jul-01	
31	13-Jul-01	For the development of the Anadromous Fish and Impediments databases, data are compiled from existing databases including internal agency, USEPA, and USGS databases.
32	13-Jul-01	There are special conditions that permit holders must follow that include the number of specimens that may be taken, a reporting schedule, and areas where collections are not allowed. We also provide comment during the permitting process as to s
33	17-Jul-01	Provincial in scope.
34	24-Jul-01	
35	24-Jul-01	Each species was recorded based on the U.S. Geological Survey in was seen on, the 1/6 quad block it was recorded in, and the level of breeding activity observed.
36	24-Jul-01	Each set is geographically referenced in latitude and longitude to at least degree-minute. Later entries were referenced to degree-minute-second. Two sets contain codes for habitat, nest substrate, veg
37	13-Aug-01	International Library cataloging and other standards
38	7-Sep-01	
39		
40		

	BV	BW	BX	BY	BZ	CA
1	Date	FNIS - Data Entry - No external standards used	FNIS - Data Entry - State/local standards	FNIS - Data Entry - FIPS	FNIS - Data Entry - HUC	FNIS - Data Entry - ITIS
2	13-Apr-01	0	1	0	0	1
3	13-Apr-01	0	1	0	1	1
4	13-Apr-01	0	0	1	1	1
5	13-Apr-01	0	1	0	0	0
6	13-Apr-01	0	1	0	0	0
7	13-Apr-01	0	0	0	0	0
8	13-Apr-01	0	0	0	0	0
9	13-Apr-01	0	0	0	0	0
10	16-Apr-01	0	1	1	0	0
11	27-Apr-01	0	0	0	0	0
12	27-Apr-01	0	0	0	0	0
13	9-May-01	0	0	1	0	0
14	9-May-01	0	0	1	0	0
15	9-May-01	0	0	0	0	0
16	9-May-01	0	0	0	1	0
17	9-May-01	0	0	0	1	1
18	9-May-01	0	0	0	1	0
19	9-May-01	0	0	1	1	0
20	15-May-01	0	0	0	0	0
21	29-May-01	1	0	0	0	0
22	29-May-01	1	0	1	1	0
23	30-May-01	0	1	0	0	0
24	31-May-01	0	1	1	1	0
25	1-Jun-01	1	0	0	0	0
26	1-Jun-01	1	0	0	0	0
27	14-Jun-01	0	0	0	0	0
28	13-Jul-01	0	1	1	1	1
29	13-Jul-01	0	0	1	1	0
30	13-Jul-01	0	0	0	1	0
31	13-Jul-01	0	0	1	1	0
32	13-Jul-01	0	1	1	1	0
33	17-Jul-01	0	1	0	0	1
34	24-Jul-01	0	1	1	1	0
35	24-Jul-01	0	1	1	0	0
36	24-Jul-01	0	1	1	0	0
37	13-Aug-01	0	0	0	1	0
38	7-Sep-01	0	0	0	0	0
39						
40		4	13	14	15	6

	CB	CC	CD	CE
1	Date	FNIS - Data Entry - FGDC	FNIS - Data Entry - Other	FNIS - Data Entry SUM
2	13-Apr-01	0	0	36996
3	13-Apr-01	0	0	36997
4	13-Apr-01	0	0	36997
5	13-Apr-01	0	0	36995
6	13-Apr-01	0	0	36995
7	13-Apr-01	0	0	36994
8	13-Apr-01	0	0	36994
9	13-Apr-01	0	1	36995
10	16-Apr-01	1	0	37000
11	27-Apr-01	0	0	37008
12	27-Apr-01	0	1	37009
13	9-May-01	0	0	37021
14	9-May-01	0	0	37021
15	9-May-01	0	1	37021
16	9-May-01	1	1	37023
17	9-May-01	1	0	37023
18	9-May-01	0	1	37022
19	9-May-01	1	1	37024
20	15-May-01	0	0	37026
21	29-May-01	1	1	37043
22	29-May-01	1	1	37045
23	30-May-01	0	0	37042
24	31-May-01	0	0	37045
25	1-Jun-01	0	0	37044
26	1-Jun-01	0	0	37044
27	14-Jun-01	0	1	37057
28	13-Jul-01	1	0	37090
29	13-Jul-01	1	0	37088
30	13-Jul-01	1	1	37088
31	13-Jul-01	0	1	37088
32	13-Jul-01	0	0	37088
33	17-Jul-01	0	0	37091
34	24-Jul-01	1	0	37100
35	24-Jul-01	0	0	37098
36	24-Jul-01	0	0	37098
37	13-Aug-01	0	1	37118
38	7-Sep-01	0	0	37141
39				
40		10	12	

	CF	CG
1	Date	FNIS - Data Entry - COMMENTS
2	13-Apr-01	
3	13-Apr-01	
4	13-Apr-01	
5	13-Apr-01	
6	13-Apr-01	
7	13-Apr-01	
8	13-Apr-01	
9	13-Apr-01	Internal Data Entry standards developed through agency written software.
10	16-Apr-01	
11	27-Apr-01	
12	27-Apr-01	Data entry is through both paper forms & on-line application. Industry standards for ASP, HTML, & IE were incorporated in development of the on-line form.
13	9-May-01	
14	9-May-01	
15	9-May-01	Some use of Federal Geographic Data Committee standards for metadata, but only on select projects. Taxonomic standards depend upon taxonomic class, for examples for Birds the American Ornithological Union Taxonomy is the n
16	9-May-01	Old NODC 'intelligent' species codes from 1980 still being used for data recoding and entry.
17	9-May-01	
18	9-May-01	Have incorporated EPA's Business Rules for latitude/longitude data standard. HUCs--we would like to use the 10 digit (old 11-digit) HUCs being developed by NRCS.
19	9-May-01	Location-related (e.g., FIPS, HUC, quad) fields utilized federal or internal standards, as do species codes (internal 6-digit). Dates are Y2K-compliant. Geo-referenced coordinates are digitized directly into the record, following agency pro
20	15-May-01	
21	29-May-01	Data entry completed annually upon receipt of standardized field collection forms. Data entry validated by project coordinator and corrected or updated as needed. Digitizing qa/qc processes ensure the integrity of the designated reac
22	29-May-01	Data entry completed within defined schedules of individual application components. Some systems, such as Breeding Bird Survey and Trout Stream Survey, are entered aannually upon receipt of standardized field collection forms. C
23	30-May-01	In compliance with State Geographic Information Database standards.
24	31-May-01	same as for collection
25	1-Jun-01	Following RIC standards, which are close to the ones from the Pacific Seabird Group, we have own research and inventory standards, EXCEL data entry sheets. EXCEL was used because that's what most people feel confident using;
26	1-Jun-01	
27	14-Jun-01	Standards set by Federal Government Agency (have developed a database catalog protocol) and PSG (Pacific Seabird Group - Professional Wildlife Society).
28	13-Jul-01	
29	13-Jul-01	Metadata will be developed for the database application.
30	13-Jul-01	USGS Reach File v. 3 was used as the hydrography base layer
31	13-Jul-01	A certain set of rules were developed in cooperation with biologists in the Fisheries Division to identify anadromous fish use areas and to identify what attributes were appropriate for the Impediments database.
32	13-Jul-01	This database has several sets of standardized codes for county (FIPS), quadrangle, hydrologic unit, species codes, disposition, condition, etc.
33	17-Jul-01	Provincial in scope
34	24-Jul-01	State/local standards include a 6-digit code for each species,VA Wildlife Management Area codes, National Park codes, National Wildlife Refuge codes, U.S. Forest Service District codes, 4
35	24-Jul-01	Each species is coded with a 6-digit Biota of Virginia Code. FIPS codes are automatically assigned by our Fish and Wildlife Information System based on the quadblock code recorded for th
36	24-Jul-01	All nesting colonies were manually compiled by geographic location to eliminate duplicative records from different datasets. All records were assigned new colony codes (sequential counter
37	13-Aug-01	International library standards
38	7-Sep-01	
39		
40		

	CJ	CK	CL	CM	CN	CO
1	Date	FNIS - Data Mgt - No external standards used	FNIS - Data Mgt - State/local standards	FNIS - Data Mgt - FIPS	FNIS - Data Mgt - HUC	FNIS - Data Mgt - ITIS
2	13-Apr-01	0	1	0	0	1
3	13-Apr-01	0	1	0	1	1
4	13-Apr-01	0	0	1	1	1
5	13-Apr-01	0	1	0	0	0
6	13-Apr-01	0	1	0	0	0
7	13-Apr-01	0	0	0	0	0
8	13-Apr-01	0	0	0	0	0
9	13-Apr-01	0	0	0	0	0
10	16-Apr-01	0	0	0	0	0
11	27-Apr-01	0	0	0	0	0
12	27-Apr-01	0	0	0	0	0
13	9-May-01	0	0	1	0	0
14	9-May-01	0	0	0	0	0
15	9-May-01	0	1	0	0	0
16	9-May-01	0	0	0	0	0
17	9-May-01	0	0	0	0	0
18	9-May-01	0	0	0	0	0
19	9-May-01	0	0	0	0	0
20	15-May-01	0	0	1	0	0
21	29-May-01	1	0	0	0	0
22	29-May-01	1	0	0	0	0
23	30-May-01	0	0	0	0	0
24	31-May-01	0	1	1	1	0
25	1-Jun-01	0	0	0	0	0
26	1-Jun-01	0	0	0	0	0
27	14-Jun-01	0	0	0	0	0
28	13-Jul-01	0	1	1	1	1
29	13-Jul-01	0	0	1	1	0
30	13-Jul-01	0	1	0	1	0
31	13-Jul-01	0	0	1	1	0
32	13-Jul-01	0	1	1	1	0
33	17-Jul-01	0	1	0	0	1
34	24-Jul-01	0	0	0	0	0
35	24-Jul-01	0	0	0	0	0
36	24-Jul-01	0	0	0	0	0
37	13-Aug-01	0	0	0	0	0
38	7-Sep-01	0	0	0	0	0
39						
40		2	10	8	8	5

	CP	CQ	CR	CS
1	Date	FNIS - Data Mgt - FGDC	FNIS - Data Mgt - Other	FNIS - Data Mgt SUM
2	13-Apr-01	0	0	36996
3	13-Apr-01	0	0	36997
4	13-Apr-01	0	0	36997
5	13-Apr-01	0	0	36995
6	13-Apr-01	0	0	36995
7	13-Apr-01	0	0	36994
8	13-Apr-01	0	0	36994
9	13-Apr-01	0	1	36995
10	16-Apr-01	0	0	36997
11	27-Apr-01	0	0	37008
12	27-Apr-01	0	1	37009
13	9-May-01	0	0	37021
14	9-May-01	0	0	37020
15	9-May-01	0	0	37021
16	9-May-01	0	0	37020
17	9-May-01	0	0	37020
18	9-May-01	0	1	37021
19	9-May-01	0	0	37020
20	15-May-01	0	0	37027
21	29-May-01	0	1	37042
22	29-May-01	0	1	37042
23	30-May-01	0	0	37041
24	31-May-01	0	0	37045
25	1-Jun-01	0	1	37044
26	1-Jun-01	0	0	37043
27	14-Jun-01	0	0	37056
28	13-Jul-01	1	0	37090
29	13-Jul-01	1	0	37088
30	13-Jul-01	1	0	37088
31	13-Jul-01	0	1	37088
32	13-Jul-01	0	0	37088
33	17-Jul-01	0	0	37091
34	24-Jul-01	0	0	37096
35	24-Jul-01	0	0	37096
36	24-Jul-01	0	0	37096
37	13-Aug-01	0	1	37117
38	7-Sep-01	0	0	37141
39				
40		3	8	

	CT	CU
1	Date	FNIS - Data Mgt - COMMENTS
2	13-Apr-01	
3	13-Apr-01	
4	13-Apr-01	
5	13-Apr-01	
6	13-Apr-01	
7	13-Apr-01	
8	13-Apr-01	
9	13-Apr-01	Internal Data Management standards developed throught agency written software.
10	16-Apr-01	
11	27-Apr-01	
12	27-Apr-01	Standards for managing relational databases are used to manage collected data.
13	9-May-01	
14	9-May-01	
15	9-May-01	
16	9-May-01	
17	9-May-01	
18	9-May-01	
19	9-May-01	
20	15-May-01	Several USFWS data standards use the FIPS as the basis for the source data, such as State Name and Alpha Code, State Numeric Code, County, County Numeric Code, Congressional Di
21	29-May-01	If a record is modified to update incorrect information or add missing data, the editor is required to make a reference identifying the specific changes(s) made.
22	29-May-01	If a record is modified subsequent to initial entry to update incorrect information or add missing data, the editor is required to make a reference identifying the specific changes(s) made.
23	30-May-01	
24	31-May-01	same as for collection
25	1-Jun-01	Following RIC standards, which are close to the ones from the Pacific Seabird Group, we have own research and inventory standards. All data are administrated by us (mostly graduate stud
26	1-Jun-01	
27	14-Jun-01	
28	13-Jul-01	
29	13-Jul-01	Metadata will be developed for the database application.
30	13-Jul-01	
31	13-Jul-01	In development
32	13-Jul-01	Newly entered data is kept in a local database that is then merged with the existing global database. During this process, the data are error checked. Periodic professional review by outsid
33	17-Jul-01	Provincial in scope
34	24-Jul-01	
35	24-Jul-01	
36	24-Jul-01	
37	13-Aug-01	International Library standards
38	7-Sep-01	
39		
40		

	CW	CX	CY	CZ	DA	DB
1	Date	FNIS - Data Del - No external standards used	FNIS - Data Del - State/local standards	FNIS - Data Del - FIPS	FNIS - Data Del - HUC	FNIS - Data Del - ITIS
2	13-Apr-01	0	1	0	0	1
3	13-Apr-01	0	0	0	0	0
4	13-Apr-01	0	0	0	0	0
5	13-Apr-01	0	1	0	0	0
6	13-Apr-01	0	1	0	0	0
7	13-Apr-01	0	0	0	0	0
8	13-Apr-01	0	0	0	0	0
9	13-Apr-01	0	0	0	0	0
10	16-Apr-01	0	1	1	0	0
11	27-Apr-01	0	0	0	0	0
12	27-Apr-01	0	0	0	0	0
13	9-May-01	0	0	0	0	0
14	9-May-01	0	0	0	0	0
15	9-May-01	0	1	0	0	0
16	9-May-01	0	0	0	0	0
17	9-May-01	0	1	1	1	1
18	9-May-01	0	0	0	0	0
19	9-May-01	0	0	0	0	0
20	15-May-01	0	0	0	0	0
21	29-May-01	0	0	1	1	0
22	29-May-01	0	0	1	1	0
23	30-May-01	0	0	0	0	0
24	31-May-01	0	0	0	0	0
25	1-Jun-01	0	0	0	0	0
26	1-Jun-01	0	0	0	0	0
27	14-Jun-01	0	0	0	0	0
28	13-Jul-01	0	1	0	1	1
29	13-Jul-01	0	0	1	1	0
30	13-Jul-01	0	1	0	1	0
31	13-Jul-01	0	0	1	1	0
32	13-Jul-01	0	0	1	1	0
33	17-Jul-01	1	0	0	0	1
34	24-Jul-01	0	0	0	0	0
35	24-Jul-01	0	1	1	0	0
36	24-Jul-01	0	1	1	0	0
37	13-Aug-01	0	0	0	0	0
38	7-Sep-01	0	0	0	0	0
39						
40		1	10	9	8	4

	DC	DD	DE	DF
1	Date	FNIS - Data Del - FGDC	FNIS - Data Del - Other	FNIS - Data Del SUM
2	13-Apr-01	0	0	36996
3	13-Apr-01	0	0	36994
4	13-Apr-01	0	0	36994
5	13-Apr-01	0	0	36995
6	13-Apr-01	0	0	36995
7	13-Apr-01	0	0	36994
8	13-Apr-01	0	0	36994
9	13-Apr-01	0	0	36994
10	16-Apr-01	1	0	37000
11	27-Apr-01	0	0	37008
12	27-Apr-01	0	1	37009
13	9-May-01	0	0	37020
14	9-May-01	0	0	37020
15	9-May-01	0	0	37021
16	9-May-01	0	0	37020
17	9-May-01	1	0	37025
18	9-May-01	0	0	37020
19	9-May-01	0	0	37020
20	15-May-01	0	0	37026
21	29-May-01	0	1	37043
22	29-May-01	0	1	37043
23	30-May-01	0	0	37041
24	31-May-01	0	0	37042
25	1-Jun-01	0	0	37043
26	1-Jun-01	0	0	37043
27	14-Jun-01	0	0	37056
28	13-Jul-01	1	0	37089
29	13-Jul-01	1	0	37088
30	13-Jul-01	1	0	37088
31	13-Jul-01	1	0	37088
32	13-Jul-01	0	0	37087
33	17-Jul-01	0	0	37091
34	24-Jul-01	0	0	37096
35	24-Jul-01	0	0	37098
36	24-Jul-01	0	0	37098
37	13-Aug-01	0	1	37117
38	7-Sep-01	0	0	37141
39				
40		6	4	

	DG	DH
1	Date	FNIS - Data Del - COMMENTS
2	13-Apr-01	73992
3	13-Apr-01	
4	13-Apr-01	
5	13-Apr-01	
6	13-Apr-01	
7	13-Apr-01	
8	13-Apr-01	
9	13-Apr-01	Internal Data Delivery standards developed through agency written software.
10	16-Apr-01	
11	27-Apr-01	
12	27-Apr-01	Data distributed primarily through the WWW, using ASP, HTML, IE, & SQL Server. Specific requests are sometimes filled giving EXCEL or ACCESS files.
13	9-May-01	
14	9-May-01	
15	9-May-01	
16	9-May-01	
17	9-May-01	also Chesapeake Informaiton Management System (CIMS) standards
18	9-May-01	
19	9-May-01	
20	15-May-01	
21	29-May-01	Data from the COLDWATER STREAM SURVEY (CWSS) database are presented to internal and external users via the agency's Internet-based Wildlife Information Online Service. Information is presented by converted county (FIPS)
22	29-May-01	Data from individual component databases are presented to internal and external users via the agency's Internet-based Wildlife Information Online Service. Information is presented by converted county (FIPS), hydrologic unit (HUC), d
23	30-May-01	
24	31-May-01	intend to use the MARIS system to provide collection data outside the agency. Staff will have real time access to our server
25	1-Jun-01	Research and publications from these data is coming forward, e.g. GIS modelling, habitat analysis in peer-reviewed journals. Grey literature and progres reports exist, but are not the prime objective. We also plan to show slides of Mar
26	1-Jun-01	
27	14-Jun-01	
28	13-Jul-01	
29	13-Jul-01	Metadata will be developed for the database application.
30	13-Jul-01	Data will be delivered in the form of a CD with the shape file; other associated GIS files; a series of images of each hydrologic unit map with associated T&E waters; and metadata
31	13-Jul-01	The products and availablility are being developed. There will probably be different levels of data available for general public consumption versus intra- or interagency consumption.
32	13-Jul-01	These data can be accessed through the internet or through contacting the agency for specific project uses. Standards are being developed for what level and type of data will be released (i.e., threatened and endangered species loca
33	17-Jul-01	Provincial in scope
34	24-Jul-01	
35	24-Jul-01	All reports include the U.S.G.S. topographical quadrangle and quadblock designation for the observation and the associated FIPS code(s).
36	24-Jul-01	
37	13-Aug-01	International library standards
38	7-Sep-01	
39		
40		

	DL	DM	DN	DO	DP	DQ
1	Date	FNIS - Software - No external standards used	FNIS - Software - State/local standards	FNIS - Software - FIPS	FNIS - Software - HUC	FNIS - Software - ITIS
2	13-Apr-01	0	0	0	0	0
3	13-Apr-01	0	0	0	0	0
4	13-Apr-01	0	0	1	1	1
5	13-Apr-01	0	1	0	0	0
6	13-Apr-01	0	1	0	0	0
7	13-Apr-01	0	1	0	0	0
8	13-Apr-01	0	0	0	0	0
9	13-Apr-01	0	0	0	0	0
10	16-Apr-01	0	0	0	0	0
11	27-Apr-01	0	0	0	0	0
12	27-Apr-01	0	1	0	0	0
13	9-May-01	0	0	0	0	0
14	9-May-01	0	0	0	0	0
15	9-May-01	0	0	0	0	0
16	9-May-01	0	0	0	0	0
17	9-May-01	0	1	1	1	1
18	9-May-01	0	0	0	0	0
19	9-May-01	0	0	0	0	0
20	15-May-01	0	0	0	0	0
21	29-May-01	1	0	0	0	0
22	29-May-01	1	0	0	0	0
23	30-May-01	0	1	0	0	0
24	31-May-01	0	0	0	0	0
25	1-Jun-01	0	0	0	0	0
26	1-Jun-01	0	0	0	0	0
27	14-Jun-01	0	0	0	0	0
28	13-Jul-01	0	0	0	0	0
29	13-Jul-01	0	1	0	0	0
30	13-Jul-01	0	1	0	0	0
31	13-Jul-01	0	1	0	0	0
32	13-Jul-01	1	0	0	0	0
33	17-Jul-01	0	1	0	0	0
34	24-Jul-01	0	0	0	0	0
35	24-Jul-01	0	0	0	0	0
36	24-Jul-01	0	0	0	0	0
37	13-Aug-01	0	0	0	0	0
38	7-Sep-01	0	0	0	0	0
39						
40		3	10	2	2	2

	DR	DS	DT	DU
1	Date	FNIS - Software - FGDC	FNIS - Software - Other	FNIS - Software Sum
2	13-Apr-01	0	1	36995
3	13-Apr-01	0	0	36994
4	13-Apr-01	0	0	36997
5	13-Apr-01	0	0	36995
6	13-Apr-01	0	0	36995
7	13-Apr-01	0	0	36995
8	13-Apr-01	0	0	36994
9	13-Apr-01	0	1	36995
10	16-Apr-01	0	0	36997
11	27-Apr-01	0	0	37008
12	27-Apr-01	0	0	37009
13	9-May-01	0	0	37020
14	9-May-01	0	0	37020
15	9-May-01	0	0	37020
16	9-May-01	0	0	37020
17	9-May-01	1	0	37025
18	9-May-01	0	0	37020
19	9-May-01	0	0	37020
20	15-May-01	0	0	37026
21	29-May-01	0	1	37042
22	29-May-01	0	1	37042
23	30-May-01	0	0	37042
24	31-May-01	0	0	37042
25	1-Jun-01	0	1	37044
26	1-Jun-01	0	0	37043
27	14-Jun-01	0	1	37057
28	13-Jul-01	0	0	37085
29	13-Jul-01	0	0	37086
30	13-Jul-01	0	0	37086
31	13-Jul-01	0	0	37086
32	13-Jul-01	0	0	37086
33	17-Jul-01	0	0	37090
34	24-Jul-01	0	0	37096
35	24-Jul-01	0	0	37096
36	24-Jul-01	0	0	37096
37	13-Aug-01	0	1	37117
38	7-Sep-01	0	0	37141
39				
40		1	7	

	DV	DW
1	Date	FNIS - Software - COMMENTS
2	13-Apr-01	Federally-provided program
3	13-Apr-01	
4	13-Apr-01	
5	13-Apr-01	
6	13-Apr-01	
7	13-Apr-01	
8	13-Apr-01	
9	13-Apr-01	Internal software developed within agency
10	16-Apr-01	
11	27-Apr-01	
12	27-Apr-01	SQL Server 7.0. State approved software list limits choices.
13	9-May-01	
14	9-May-01	
15	9-May-01	
16	9-May-01	
17	9-May-01	also Chesapeake Informaiton Management System (CIMS) standards
18	9-May-01	
19	9-May-01	
20	15-May-01	
21	29-May-01	For consistency with other agency wildlife-related applications, the CWSS database was developed using Advanced Revelation, and draws from general/standard routines prepared using AREV's custom programming language. The a
22	29-May-01	For consistency with other agency wildlife-related applications, the Wildlife Information Online Service databases, administrative elements, and mapping features were developed using Advanced Revelation and general/standard routin
23	30-May-01	Utah is an Arc/INFO shop
24	31-May-01	not clear to me what you're looking for. MS ACCESS is the database management software used to store and retrieve our records
25	1-Jun-01	We are using basic EXCEL and dBASE tables. Data are to be presented on the WWW eventually and made available as GIS (ArcView/Info) and databases.
26	1-Jun-01	
27	14-Jun-01	The software used has a pseudo standard as it is what the Federal Gov't will purchase (for example, the US Forest Service and BLM have MS Access, Oracle, ArcView, and ArcInfo); any other formats will be converted into a program
28	13-Jul-01	
29	13-Jul-01	Our agency supports Microsoft Access as its database software package.
30	13-Jul-01	Our agency uses ArcView GIS 3.2.
31	13-Jul-01	This agency supports Microsoft Access and ArcView GIS.
32	13-Jul-01	
33	17-Jul-01	Provincial in scope
34	24-Jul-01	
35	24-Jul-01	
36	24-Jul-01	
37	13-Aug-01	International library standards
38	7-Sep-01	
39		
40		

	DY	DZ	EA	EB	EC	ED
1	Date	FNIS - Ref/Lib - No external standards used	FNIS - Ref/Lib - State/local standards	FNIS - Ref/Lib - FIPS	FNIS - Ref/Lib - HUC	FNIS - Ref/Lib - ITIS
2	13-Apr-01	0	1	0	0	1
3	13-Apr-01	0	0	0	0	0
4	13-Apr-01	0	0	0	0	0
5	13-Apr-01	0	1	0	0	0
6	13-Apr-01	0	1	0	0	0
7	13-Apr-01	0	0	0	0	0
8	13-Apr-01	0	0	0	0	0
9	13-Apr-01	0	0	0	0	0
10	16-Apr-01	0	0	0	0	0
11	27-Apr-01	0	0	0	0	0
12	27-Apr-01	0	0	0	0	0
13	9-May-01	0	0	0	0	0
14	9-May-01	0	0	0	0	0
15	9-May-01	0	0	0	0	0
16	9-May-01	0	0	0	0	0
17	9-May-01	0	0	0	0	0
18	9-May-01	0	0	0	0	0
19	9-May-01	0	0	0	0	0
20	15-May-01	0	0	0	0	0
21	29-May-01	0	0	0	0	0
22	29-May-01	0	0	0	0	0
23	30-May-01	0	0	0	0	0
24	31-May-01	0	0	0	0	0
25	1-Jun-01	0	0	0	0	0
26	1-Jun-01	0	0	0	0	0
27	14-Jun-01	0	0	0	0	0
28	13-Jul-01	0	0	0	0	0
29	13-Jul-01	0	0	0	0	0
30	13-Jul-01	0	0	0	0	0
31	13-Jul-01	0	0	0	0	0
32	13-Jul-01	0	0	0	0	0
33	17-Jul-01	0	0	0	0	0
34	24-Jul-01	0	0	0	0	0
35	24-Jul-01	0	0	0	0	0
36	24-Jul-01	0	0	0	0	0
37	13-Aug-01	0	0	0	0	0
38	7-Sep-01	0	0	0	0	0
39						
40		0	3	0	0	1

	EE	EF	EG	EH
1	Date	FNIS - Ref/Lib - FGDC	FNIS - Ref/Lib - Other	FNIS - Ref/Lib Sum
2	13-Apr-01	0	1	36997
3	13-Apr-01	0	0	36994
4	13-Apr-01	0	0	36994
5	13-Apr-01	0	0	36995
6	13-Apr-01	0	0	36995
7	13-Apr-01	0	0	36994
8	13-Apr-01	0	0	36994
9	13-Apr-01	0	0	36994
10	16-Apr-01	0	0	36997
11	27-Apr-01	0	0	37008
12	27-Apr-01	0	0	37008
13	9-May-01	0	0	37020
14	9-May-01	0	0	37020
15	9-May-01	0	0	37020
16	9-May-01	0	0	37020
17	9-May-01	0	0	37020
18	9-May-01	0	0	37020
19	9-May-01	0	0	37020
20	15-May-01	0	0	37026
21	29-May-01	0	0	37040
22	29-May-01	0	0	37040
23	30-May-01	0	0	37041
24	31-May-01	0	0	37042
25	1-Jun-01	0	0	37043
26	1-Jun-01	0	0	37043
27	14-Jun-01	0	0	37056
28	13-Jul-01	0	0	37085
29	13-Jul-01	0	0	37085
30	13-Jul-01	0	0	37085
31	13-Jul-01	0	0	37085
32	13-Jul-01	0	0	37085
33	17-Jul-01	0	0	37089
34	24-Jul-01	0	0	37096
35	24-Jul-01	0	0	37096
36	24-Jul-01	0	0	37096
37	13-Aug-01	0	1	37117
38	7-Sep-01	0	1	37142
39				
40		0	3	

	EI	EJ
1	Date	FNIS - Ref/Lib - COMMENTS
2	13-Apr-01	archived at federal level
3	13-Apr-01	
4	13-Apr-01	
5	13-Apr-01	
6	13-Apr-01	
7	13-Apr-01	
8	13-Apr-01	
9	13-Apr-01	Species Names as per AFS classification Other code lists developed within agency and used throughout. Method Codes Waterbody Codes Species Codes
10	16-Apr-01	
11	27-Apr-01	
12	27-Apr-01	
13	9-May-01	
14	9-May-01	
15	9-May-01	
16	9-May-01	
17	9-May-01	
18	9-May-01	
19	9-May-01	
20	15-May-01	
21	29-May-01	
22	29-May-01	All references used to populate component databases are cataloged in the system's PC-REF reference database following reference protocols of The Wildlife Society.
23	30-May-01	
24	31-May-01	
25	1-Jun-01	We are using PROCITE for our shared Marbled Murrelet reference database.
26	1-Jun-01	
27	14-Jun-01	
28	13-Jul-01	
29	13-Jul-01	
30	13-Jul-01	
31	13-Jul-01	
32	13-Jul-01	A companion database with species information uses a standardized data entry format that assigns reference numbers that are used in the species descriptions.
33	17-Jul-01	
34	24-Jul-01	
35	24-Jul-01	
36	24-Jul-01	
37	13-Aug-01	International library standards
38	7-Sep-01	National Information Standard Organization http://www.niso.org/standard.html (Full text of standards are online; many have to do with information exchange) Special Libraries Association ht
39		
40		

	EK	EL	EM	EN	EO	EP
1	Date	FNIS - Metadata - No external standards used	FNIS - Metadata - State/local standards	FNIS - Metadata - FIPS	FNIS - Metadata - HUC	FNIS - Metadata - ITIS
2	13-Apr-01	0	0	0	0	0
3	13-Apr-01	0	0	0	0	0
4	13-Apr-01	0	0	0	0	0
5	13-Apr-01	0	0	0	0	0
6	13-Apr-01	0	0	0	0	0
7	13-Apr-01	0	0	0	0	0
8	13-Apr-01	0	0	0	0	0
9	13-Apr-01	0	0	0	0	0
10	16-Apr-01	0	0	0	0	0
11	27-Apr-01	0	0	0	0	0
12	27-Apr-01	0	0	0	0	0
13	9-May-01	0	0	0	0	0
14	9-May-01	0	0	0	0	0
15	9-May-01	0	0	0	0	0
16	9-May-01	0	0	0	0	0
17	9-May-01	0	0	0	0	0
18	9-May-01	0	0	0	0	0
19	9-May-01	0	0	0	0	0
20	15-May-01	0	0	0	0	0
21	29-May-01	0	0	0	0	0
22	29-May-01	0	0	0	0	0
23	30-May-01	0	0	0	0	0
24	31-May-01	0	1	0	0	0
25	1-Jun-01	0	0	0	0	0
26	1-Jun-01	0	0	0	0	0
27	14-Jun-01	0	0	0	0	0
28	13-Jul-01	0	0	0	0	0
29	13-Jul-01	0	0	0	0	0
30	13-Jul-01	0	0	0	0	0
31	13-Jul-01	0	0	0	0	0
32	13-Jul-01	0	0	0	0	0
33	17-Jul-01	0	0	0	0	0
34	24-Jul-01	0	0	0	0	0
35	24-Jul-01	0	0	0	0	0
36	24-Jul-01	0	0	0	0	0
37	13-Aug-01	0	0	0	0	0
38	7-Sep-01	0	0	0	0	0
39						
40		0	1	0	0	0

O2K1 Survey Results

	EQ	ER	ES	ET
1	Date	FNIS - Metadata - FGDC	FNIS - Metadata - Other	FNIS - Metadata Sum
2	13-Apr-01	0	1	36995
3	13-Apr-01	0	0	36994
4	13-Apr-01	0	0	36994
5	13-Apr-01	0	0	36994
6	13-Apr-01	0	0	36994
7	13-Apr-01	0	0	36994
8	13-Apr-01	1	0	36995
9	13-Apr-01	0	0	36994
10	16-Apr-01	1	0	36998
11	27-Apr-01	0	0	37008
12	27-Apr-01	1	0	37009
13	9-May-01	0	0	37020
14	9-May-01	0	0	37020
15	9-May-01	0	0	37020
16	9-May-01	0	0	37020
17	9-May-01	0	0	37020
18	9-May-01	0	0	37020
19	9-May-01	0	0	37020
20	15-May-01	1	0	37027
21	29-May-01	1	0	37041
22	29-May-01	1	1	37042
23	30-May-01	1	0	37042
24	31-May-01	0	0	37043
25	1-Jun-01	0	1	37044
26	1-Jun-01	0	0	37043
27	14-Jun-01	0	0	37056
28	13-Jul-01	1	0	37086
29	13-Jul-01	1	0	37086
30	13-Jul-01	1	0	37086
31	13-Jul-01	1	0	37086
32	13-Jul-01	1	0	37086
33	17-Jul-01	0	0	37089
34	24-Jul-01	0	0	37096
35	24-Jul-01	1	0	37097
36	24-Jul-01	1	0	37097
37	13-Aug-01	0	1	37117
38	7-Sep-01	0	0	37141
39				
40		14	4	

	EU	EV
1	Date	FNIS - Metadata - COMMENTS
2	13-Apr-01	Use Nature Conservance metadata standards
3	13-Apr-01	
4	13-Apr-01	
5	13-Apr-01	
6	13-Apr-01	
7	13-Apr-01	
8	13-Apr-01	
9	13-Apr-01	In development
10	16-Apr-01	
11	27-Apr-01	
12	27-Apr-01	Have attended USGS sponsored metadata training.
13	9-May-01	
14	9-May-01	
15	9-May-01	
16	9-May-01	
17	9-May-01	
18	9-May-01	
19	9-May-01	
20	15-May-01	The FGDC Content Standard for Digital Geospatial Metadata" (CSDGM)is the basis for the USFWS adopted data standard for geospatial metadata. The USFWS is currently developing a b
21	29-May-01	
22	29-May-01	Also developing metadata following Virginia's modified version of FGDC standards.
23	30-May-01	
24	31-May-01	we're using our sampling guidelines as the metadata model for our surveys. These guidelines will include descriptions of the data tables, input forms and output reports
25	1-Jun-01	Currently, none exist. But we describe all data sets, columns, abbreviations and specific cases that differ from the protocols.
26	1-Jun-01	
27	14-Jun-01	
28	13-Jul-01	
29	13-Jul-01	Will be developed
30	13-Jul-01	
31	13-Jul-01	in development
32	13-Jul-01	in development
33	17-Jul-01	
34	24-Jul-01	
35	24-Jul-01	
36	24-Jul-01	In process
37	13-Aug-01	International library standards
38	7-Sep-01	
39		
40		

	EW	EX	EY	EZ
1	Date	SD - Data Coll - Date of last update	SD - Data Coll - Distr within the agency	SD - Data Coll - Distr outside of agency - 0
2	13-Apr-01		1	0
3	13-Apr-01		0	0
4	13-Apr-01		0	0
5	13-Apr-01		1	1
6	13-Apr-01		1	0
7	13-Apr-01		1	1
8	13-Apr-01	October, 2000	1	0
9	13-Apr-01	1997	1	0
10	16-Apr-01	04/06/01	1.1	0
11	27-Apr-01		0	0
12	27-Apr-01		1.1	0
13	9-May-01			0
14	9-May-01	12/31/2000	1	1
15	9-May-01	Oct-97	1	1
16	9-May-01	unknown	1	0
17	9-May-01	Jan-01-2001	1.1	0
18	9-May-01	(draft standards in review)	1	1
19	9-May-01			0
20	15-May-01			0
21	29-May-01	1999	1	0
22	29-May-01	1999	1	0
23	30-May-01			0
24	31-May-01	on going	1.1	0
25	1-Jun-01	constantly	1.1	0
26	1-Jun-01	1999	1	0
27	14-Jun-01	Continuous - depends upon element	1	0
28	13-Jul-01			0
29	13-Jul-01	Feb-01	1	0
30	13-Jul-01		1	0
31	13-Jul-01	in development	1.1	0
32	13-Jul-01	in development	1	0
33	17-Jul-01	In progress	1	0
34	24-Jul-01		0	0
35	24-Jul-01		1.1	0
36	24-Jul-01		1	0
37	13-Aug-01		1.1	0
38	7-Sep-01		0	0
39				
40				

	FA	FB	FC	FD
1	Date	SD - Data Coll - Distr outside of agency - Paper/electronic file	SD - Data Coll - Distr outside of agency - Internet	SD - Data Coll Sum
2	13-Apr-01	1	0	36996
3	13-Apr-01	0	0	36994
4	13-Apr-01	0	0	36994
5	13-Apr-01	0	0	36996
6	13-Apr-01	1	0	36996
7	13-Apr-01	0	0	36996
8	13-Apr-01	1	0	36996
9	13-Apr-01	1	0	36996
10	16-Apr-01	1	1	37000.1
11	27-Apr-01	0	0	37008
12	27-Apr-01	0	1	37010.1
13	9-May-01	0	0	37020
14	9-May-01	0	0	37022
15	9-May-01	0	0	37022
16	9-May-01	0	1	37022
17	9-May-01	1	1	37023.1
18	9-May-01	0	0	37022
19	9-May-01	0	0	37020
20	15-May-01	1	1	37028
21	29-May-01	1	0	37042
22	29-May-01	1	0	37042
23	30-May-01	0	0	37041
24	31-May-01	1	0	37044.1
25	1-Jun-01	1	0	37045.1
26	1-Jun-01	1	0	37045
27	14-Jun-01	1	1	37059
28	13-Jul-01	0	0	37085
29	13-Jul-01	1	0	37087
30	13-Jul-01	0	0	37086
31	13-Jul-01	1	0	37087.1
32	13-Jul-01	1	1	37088
33	17-Jul-01	1	0	37091
34	24-Jul-01	0	0	37096
35	24-Jul-01	0	1	37098.1
36	24-Jul-01	0	0	37097
37	13-Aug-01	1	1	37119.1
38	7-Sep-01	0	0	37141
39				
40				

	FE	FF	FG	FH
1	Date	SD - Data Coll - Internet URL	SD - Data Entry - Date of last update	SD - Data Entry - Distr within the agency
2	13-Apr-01			1
3	13-Apr-01			1
4	13-Apr-01			1
5	13-Apr-01			1
6	13-Apr-01			1
7	13-Apr-01			0
8	13-Apr-01			
9	13-Apr-01		2001	1
10	16-Apr-01	http://www.dnr.state.wi.us/org/at/et/geo/location/loc_stds.html	04/06/01	1.1
11	27-Apr-01			0
12	27-Apr-01			0
13	9-May-01		03/20/2001	1
14	9-May-01		12/31/00	1
15	9-May-01		October 1997	1
16	9-May-01	http://www.recfin.org	unknown	1
17	9-May-01	http://www.chesapeakebay.net/data/index.htm	Jan-01-2001	1.1
18	9-May-01		(draft standards in review)	1
19	9-May-01		Jun-00	1
20	15-May-01	http://www.fws.gov/stand/		
21	29-May-01		Jan-00	1
22	29-May-01		Jan-00	1
23	30-May-01		January 1, 1999	1
24	31-May-01		on going	1.1
25	1-Jun-01		during and after field seasons	1.1
26	1-Jun-01			
27	14-Jun-01		unknown	
28	13-Jul-01			
29	13-Jul-01		in development	1
30	13-Jul-01		in development	1
31	13-Jul-01		in development	1
32	13-Jul-01	www.dgif.state.va.us		1
33	17-Jul-01		In progress - revamped July 2001	1
34	24-Jul-01			1.1
35	24-Jul-01	www.dgif.state.va.us 'Wildlife' to 'Wildlife Information Online'		1.1
36	24-Jul-01			1
37	13-Aug-01			0
38	7-Sep-01			0
39				
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	FI	FJ	FK
1	Date	SD - Data Entry - Distr outside of agency - 0	SD - Data Entry - Distr outside of agency - Paper/electronic file
2	13-Apr-01	0	1
3	13-Apr-01	0	1
4	13-Apr-01	0	1
5	13-Apr-01	1	0
6	13-Apr-01	1	0
7	13-Apr-01	0	0
8	13-Apr-01	0	0
9	13-Apr-01	0	0
10	16-Apr-01	0	1
11	27-Apr-01	0	0
12	27-Apr-01	1	0
13	9-May-01	0	0
14	9-May-01	1	0
15	9-May-01	1	0
16	9-May-01	0	0
17	9-May-01	0	1
18	9-May-01	1	0
19	9-May-01	0	1
20	15-May-01	0	0
21	29-May-01	0	1
22	29-May-01	0	1
23	30-May-01	0	1
24	31-May-01	0	1
25	1-Jun-01	0	1
26	1-Jun-01	0	0
27	14-Jun-01	0	0
28	13-Jul-01	0	0
29	13-Jul-01	1	0
30	13-Jul-01	0	0
31	13-Jul-01	0	1
32	13-Jul-01	1	0
33	17-Jul-01	0	1
34	24-Jul-01	0	0
35	24-Jul-01	0	0
36	24-Jul-01	0	0
37	13-Aug-01	1	0
38	7-Sep-01	0	0
39			
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	FN	FO	FP	FQ	FR
1	Date	SD - Data Entry - Internet URL	SD - Data Mgt - Date of last update	SD - Data Mgt - Distr within the agency	SD - Data Mgt - Distr outside of agency - 0
2	13-Apr-01			1	0
3	13-Apr-01			1	0
4	13-Apr-01			1	0
5	13-Apr-01			1	1
6	13-Apr-01			1	0
7	13-Apr-01			0	0
8	13-Apr-01				0
9	13-Apr-01			1	0
10	16-Apr-01	http://www.dnr.state.wi.us/org/at/et/geo/location/loc_stds.html			0
11	27-Apr-01			0	0
12	27-Apr-01			0	1
13	9-May-01	http://www.nr.utah.gov/dwr/dwr.htm	03/20/2001	1	0
14	9-May-01			0	0
15	9-May-01		June 28 2001	1	0
16	9-May-01	http://www.recfin.org			0
17	9-May-01	http://www.chesapeakebay.net/data/index.htm			0
18	9-May-01				0
19	9-May-01				0
20	15-May-01		April 30 2001	1.1	0
21	29-May-01		Jan-00	1	0
22	29-May-01		Jan-00	1	0
23	30-May-01				0
24	31-May-01		on going	1.1	0
25	1-Jun-01		NA	1.1	0
26	1-Jun-01				0
27	14-Jun-01		unknown		0
28	13-Jul-01			1	0
29	13-Jul-01		in development	1	1
30	13-Jul-01		in development	1	0
31	13-Jul-01		in development		0
32	13-Jul-01			1	1
33	17-Jul-01			0	1
34	24-Jul-01				0
35	24-Jul-01	www.dgif.state.va.us 'Wildlife' to 'Wildlife Information Online'			0
36	24-Jul-01	www.dgif.state.va.us 'Wildlife' to 'Wildlife Information Online'			0
37	13-Aug-01				1
38	7-Sep-01		2001		0
39					
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	FS	FT	FU	FV
1	Date	SD - Data Mgt - Distr outside of agency - Paper/electronic file	SD - Data Mgt - Distr outside of agency - Internet	SD - Data Mgt Sum
2	13-Apr-01	1	0	36996
3	13-Apr-01	1	0	36996
4	13-Apr-01	1	0	36996
5	13-Apr-01	0	0	36996
6	13-Apr-01	1	0	36996
7	13-Apr-01	0	0	36994
8	13-Apr-01	0	0	36994
9	13-Apr-01	0	0	36995
10	16-Apr-01	0	0	36997
11	27-Apr-01	0	0	37008
12	27-Apr-01	0	0	37009
13	9-May-01	0	1	37022
14	9-May-01	0	0	37020
15	9-May-01	0	0	37021
16	9-May-01	0	0	37020
17	9-May-01	0	1	37021
18	9-May-01	0	0	37020
19	9-May-01	0	0	37020
20	15-May-01	1	0	37028.1
21	29-May-01	1	0	37042
22	29-May-01	1	0	37042
23	30-May-01	0	0	37041
24	31-May-01	1	0	37044.1
25	1-Jun-01	1	0	37045.1
26	1-Jun-01	0	0	37043
27	14-Jun-01	0	0	37056
28	13-Jul-01	1	0	37087
29	13-Jul-01	0	0	37087
30	13-Jul-01	0	0	37086
31	13-Jul-01	0	0	37085
32	13-Jul-01	0	0	37087
33	17-Jul-01	0	0	37090
34	24-Jul-01	0	1	37097
35	24-Jul-01	0	1	37097
36	24-Jul-01	0	0	37096
37	13-Aug-01	1	0	37118
38	7-Sep-01	0	0	37141
39				
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	FW	FX	FY	FZ	GA
1	Date	SD - Data Mgt - Internet URL	SD- Data Del - Date of last update	SD - Data Del - Distr within the agency	SD- Data Del - Distr outside of agency - 0
2	13-Apr-01			1	0
3	13-Apr-01			0	0
4	13-Apr-01				0
5	13-Apr-01			1	1
6	13-Apr-01			1	0
7	13-Apr-01			0	0
8	13-Apr-01				0
9	13-Apr-01			1	0
10	16-Apr-01		02/01/01	1.1	0
11	27-Apr-01			0	0
12	27-Apr-01			1.1	0
13	9-May-01	http://www.nr.utah.gov/dwr/dwr.htm			0
14	9-May-01				0
15	9-May-01		June 28 2001	1	0
16	9-May-01				0
17	9-May-01			1	0
18	9-May-01				0
19	9-May-01				0
20	15-May-01	http://www.fws.gov/stand/			0
21	29-May-01		Jun-97	1	0
22	29-May-01		Jun-97	1	0
23	30-May-01				0
24	31-May-01		not yet supported	1.1	0
25	1-Jun-01		constantly	0	0
26	1-Jun-01				0
27	14-Jun-01		unknown		0
28	13-Jul-01			1.1	0
29	13-Jul-01		1994	1.1	0
30	13-Jul-01		in development	1.1	0
31	13-Jul-01		in development	1.1	0
32	13-Jul-01		in development	1.1	0
33	17-Jul-01			1	1
34	24-Jul-01			0	0
35	24-Jul-01		1989	1.1	0
36	24-Jul-01		1997	1.1	0
37	13-Aug-01		2001	0	1
38	7-Sep-01			0	0
39					
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October 26, 2001

	GB	GC	GD	GE
1	Date	SD - Data Del - Distr outside of agency - Paper/electronic file	SD - Data Del - Distr outside of agency - Internet	SD - Data Del Sum
2	13-Apr-01	1	0	36996
3	13-Apr-01	0	0	36994
4	13-Apr-01	0	0	36994
5	13-Apr-01	0	0	36996
6	13-Apr-01	1	1	36997
7	13-Apr-01	0	0	36994
8	13-Apr-01	0	0	36994
9	13-Apr-01	0	0	36995
10	16-Apr-01	1	1	36997
11	27-Apr-01	0	0	37008
12	27-Apr-01	0	1	37010.1
13	9-May-01	0	0	37020
14	9-May-01	0	0	37020
15	9-May-01	0	0	37021
16	9-May-01	0	0	37020
17	9-May-01	0	1	37022
18	9-May-01	0	0	37020
19	9-May-01	0	0	37020
20	15-May-01	0	0	37026
21	29-May-01	1	0	37042
22	29-May-01	1	0	37042
23	30-May-01	0	0	37041
24	31-May-01	0	1	37044.1
25	1-Jun-01	0	0	37043
26	1-Jun-01	0	0	37043
27	14-Jun-01	0	0	37056
28	13-Jul-01	1	1	37088.1
29	13-Jul-01	0	1	37087.1
30	13-Jul-01	0	1	37087.1
31	13-Jul-01	0	1	37087.1
32	13-Jul-01	1	1	37088.1
33	17-Jul-01	0	0	37091
34	24-Jul-01	0	0	37096
35	24-Jul-01	0	1	37098.1
36	24-Jul-01	0	1	37098.1
37	13-Aug-01	0	0	37117
38	7-Sep-01	0	0	37141
39				
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	GF	GG	GH	GI
1	Date	SD - Data Del - Internet URL	SD - Software - Date of last update	SD - Software - Distr within the agency
2	13-Apr-01			1
3	13-Apr-01			0
4	13-Apr-01			1
5	13-Apr-01			1
6	13-Apr-01	http://www.state.sd.us/gfp/		1
7	13-Apr-01			1
8	13-Apr-01			
9	13-Apr-01		2001	1
10	16-Apr-01	http://www.dnr.state.wi.us/org/at/et/geo/datasharing/index.htm		
11	27-Apr-01			0
12	27-Apr-01			0
13	9-May-01			
14	9-May-01			
15	9-May-01			
16	9-May-01			
17	9-May-01	www.chesapeakebay.net/cims		1
18	9-May-01			
19	9-May-01			
20	15-May-01			
21	29-May-01	http://151.199.74.222/scripts/oicgi.exe/inet_xlate	1992	1
22	29-May-01	http://151.199.74.222/scripts/oicgi.exe/inet_xlate	1985	0
23	30-May-01		2000	1
24	31-May-01		on going	1.1
25	1-Jun-01		Before field season	1.1
26	1-Jun-01			
27	14-Jun-01		as the software updates (usually annually)	0
28	13-Jul-01	http://www.streamnet.org/data_exch_form.html		
29	13-Jul-01	www.dgif.state.va.us		
30	13-Jul-01	www.dgif.state.va.us	in development	1
31	13-Jul-01	www.dgif.state.va.us		
32	13-Jul-01	www.dgif.state.va.us		
33	17-Jul-01			1
34	24-Jul-01			
35	24-Jul-01	www.dgif.state.va.us 'Wildlife' to 'Wildlife Information Online'		
36	24-Jul-01	www.dgif.state.va.us 'Wildlife' to 'Wildlife Information Online'		
37	13-Aug-01			
38	7-Sep-01			
39				
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	GJ	GK	GL	GM
1	Date	SD - Software - Distr outside of agency - 0	SD - Software - Distr outside of agency - Paper/electronic fil	SD - Software - Distr outside of agency - Internet
2	13-Apr-01	0	1	0
3	13-Apr-01	0	0	0
4	13-Apr-01	0	1	0
5	13-Apr-01	1	0	0
6	13-Apr-01	1	0	0
7	13-Apr-01	1	0	0
8	13-Apr-01	0	0	0
9	13-Apr-01	0	0	0
10	16-Apr-01	0	0	0
11	27-Apr-01	0	0	0
12	27-Apr-01	1	0	1
13	9-May-01	0	0	0
14	9-May-01	0	0	0
15	9-May-01	0	0	0
16	9-May-01	0	0	0
17	9-May-01	0	0	0
18	9-May-01	0	0	0
19	9-May-01	0	0	0
20	15-May-01	0	0	0
21	29-May-01	0	1	0
22	29-May-01	0	0	0
23	30-May-01	1	0	0
24	31-May-01	1	0	0
25	1-Jun-01	0	1	0
26	1-Jun-01	0	0	0
27	14-Jun-01	0	0	0
28	13-Jul-01	0	0	0
29	13-Jul-01	0	0	0
30	13-Jul-01	0	0	0
31	13-Jul-01	0	0	0
32	13-Jul-01	0	0	0
33	17-Jul-01	1	0	0
34	24-Jul-01	0	0	0
35	24-Jul-01	0	0	0
36	24-Jul-01	0	0	0
37	13-Aug-01	0	0	0
38	7-Sep-01	0	0	0
39				
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	GN	GO	GP	GQ	GR
1	Date	SD - Software Sum	SD - Software - Internet URL	SD - Ref/Lib - Date of last update	SD - Ref/Lib - Distr within the agency
2	13-Apr-01	36996			1
3	13-Apr-01	36994			0
4	13-Apr-01	36996			0
5	13-Apr-01	36996			1
6	13-Apr-01	36996			1
7	13-Apr-01	36996			0
8	13-Apr-01	36994			
9	13-Apr-01	36995			0
10	16-Apr-01	36997			
11	27-Apr-01	37008			0
12	27-Apr-01	37010			0
13	9-May-01	37020			
14	9-May-01	37020			
15	9-May-01	37020			
16	9-May-01	37020			
17	9-May-01	37021			
18	9-May-01	37020			
19	9-May-01	37020			
20	15-May-01	37026			
21	29-May-01	37042			
22	29-May-01	37040		1985	0
23	30-May-01	37043			
24	31-May-01	37044.1			0
25	1-Jun-01	37045.1		Constantly	0
26	1-Jun-01	37043			
27	14-Jun-01	37056		na	
28	13-Jul-01	37085			1
29	13-Jul-01	37085			
30	13-Jul-01	37086			
31	13-Jul-01	37085			
32	13-Jul-01	37085			
33	17-Jul-01	37091			
34	24-Jul-01	37096			
35	24-Jul-01	37096			
36	24-Jul-01	37096			
37	13-Aug-01	37116		2001	1
38	7-Sep-01	37141			
39					
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	GS	GT	GU	GV
1	Date	SD - Ref/Lib - Distr outside of agency - 0	- Ref/Lib - Distr outside of agency - Paper/electronic	SD - Ref/Lib - Distr outside of agency - Internet
2	13-Apr-01	0	1	0
3	13-Apr-01	0	0	0
4	13-Apr-01	0	0	0
5	13-Apr-01	1	0	0
6	13-Apr-01	0	1	0
7	13-Apr-01	0	0	0
8	13-Apr-01	0	0	0
9	13-Apr-01	0	0	0
10	16-Apr-01	0	0	0
11	27-Apr-01	0	0	0
12	27-Apr-01	0	0	0
13	9-May-01	0	0	0
14	9-May-01	0	0	0
15	9-May-01	0	0	0
16	9-May-01	0	0	0
17	9-May-01	0	0	0
18	9-May-01	0	0	0
19	9-May-01	0	0	0
20	15-May-01	0	0	0
21	29-May-01	0	0	0
22	29-May-01	0	0	0
23	30-May-01	0	0	0
24	31-May-01	1	0	0
25	1-Jun-01	0	0	0
26	1-Jun-01	0	0	0
27	14-Jun-01	0	0	0
28	13-Jul-01	0	1	1
29	13-Jul-01	0	0	0
30	13-Jul-01	0	0	0
31	13-Jul-01	0	0	0
32	13-Jul-01	0	0	0
33	17-Jul-01	0	0	0
34	24-Jul-01	0	0	0
35	24-Jul-01	0	0	0
36	24-Jul-01	0	0	0
37	13-Aug-01	0	1	1
38	7-Sep-01	0	0	0
39				
40				

	GW	GX	GY	GZ	HA	HB
1	Date	SD - Ref/Lib Sum	SD - Ref/Lib - Internet URL	SD - Metadata - Date of last update	SD - Metadata - Distr within the agency	SD - Metadata - Distr outside of agency - 0
2	13-Apr-01	36996			1	0
3	13-Apr-01	36994				0
4	13-Apr-01	36994				0
5	13-Apr-01	36996				0
6	13-Apr-01	36996				0
7	13-Apr-01	36994				0
8	13-Apr-01	36994		October 2000	1.1	0
9	13-Apr-01	36994				0
10	16-Apr-01	36997				0
11	27-Apr-01	37008			0	0
12	27-Apr-01	37008			0	1
13	9-May-01	37020				0
14	9-May-01	37020				0
15	9-May-01	37020				0
16	9-May-01	37020				0
17	9-May-01	37020				0
18	9-May-01	37020			1	0
19	9-May-01	37020				0
20	15-May-01	37026		16-Jul-98	1.1	0
21	29-May-01	37040		Oct-00	1	0
22	29-May-01	37040	http://www.wiildlife.org	Jan-01	1	0
23	30-May-01	37041		1994	1	1
24	31-May-01	37043			1.1	0
25	1-Jun-01	37043		During field work and data analysis	1.1	0
26	1-Jun-01	37043				0
27	14-Jun-01	37056		unknown	1	0
28	13-Jul-01	37088			1	0
29	13-Jul-01	37085		in development		0
30	13-Jul-01	37085		in development	0	0
31	13-Jul-01	37085		in development	0	0
32	13-Jul-01	37085		in development	1.1	0
33	17-Jul-01	37089				0
34	24-Jul-01	37096				0
35	24-Jul-01	37096		In process		0
36	24-Jul-01	37096		In process	1	0
37	13-Aug-01	37119		2001	0	1
38	7-Sep-01	37141				0
39						
40						

	HC	HD	HE	HF
1	Date	SD - Metadata - Distr outside of agency - Paper/electronic file	SD - Metadata - Distr outside of agency - Internet	SD - Metadata Sum
2	13-Apr-01	0	0	36995
3	13-Apr-01	0	0	36994
4	13-Apr-01	0	0	36994
5	13-Apr-01	0	0	36994
6	13-Apr-01	0	0	36994
7	13-Apr-01	0	0	36994
8	13-Apr-01	1	1	36997.1
9	13-Apr-01	0	0	36994
10	16-Apr-01	0	1	36998
11	27-Apr-01	0	0	37008
12	27-Apr-01	0	0	37009
13	9-May-01	0	0	37020
14	9-May-01	0	0	37020
15	9-May-01	0	0	37020
16	9-May-01	0	0	37020
17	9-May-01	0	0	37020
18	9-May-01	0	0	37021
19	9-May-01	0	0	37020
20	15-May-01	1	1	37029.1
21	29-May-01	1	0	37042
22	29-May-01	1	0	37042
23	30-May-01	0	0	37043
24	31-May-01	1	0	37044.1
25	1-Jun-01	1	0	37045.1
26	1-Jun-01	0	0	37043
27	14-Jun-01	1	0	37058
28	13-Jul-01	1	0	37087
29	13-Jul-01	0	0	37085
30	13-Jul-01	0	0	37085
31	13-Jul-01	0	0	37085
32	13-Jul-01	1	1	37088.1
33	17-Jul-01	0	0	37089
34	24-Jul-01	0	0	37096
35	24-Jul-01	0	0	37096
36	24-Jul-01	0	0	37097
37	13-Aug-01	0	0	37117
38	7-Sep-01	0	0	37141
39				
40				

	HG	HH	HI	HJ	HK	HL
1	Date	SD - Metadata - Internet URL		SC - Name	SC - Title	SC - Affiliation
2	13-Apr-01			doug backlund	heritage database, resource biologist	sd dept. of game, fish & parks
3	13-Apr-01			dennis unkenholz	wildlife program administer, fisheries manag	sd dept. of game, fish & parks
4	13-Apr-01			charlie olson	gis senior programmer analyst	sd dept. of game, fish & parks
5	13-Apr-01			art smith	game harvest survey coordinator	sd dept. of game, fish & parks
6	13-Apr-01			art smith	game harvest survey coordinator	sd dept. of game, fish & parks
7	13-Apr-01			jeanntte gourneau	department administrative program leader	sd dept. of game, fish & parks
8	13-Apr-01	http://intranet.dnr.state.wi.us/int/es/science/atri/standard		Don Fago	Fishery Scientist	WDNR - Research Center
9	13-Apr-01			Jay Francis	Specialist	Nebraska Game and Parks
10	16-Apr-01	http://www.fgdc.gov/index.html		Lisa Morrison	GIS Data Access Specialist	WI DNR
11	27-Apr-01			Daniel Vichitbandha	Database Manager/Geoprocessor	Kentucky Dept. Of Fish and Wildlife
12	27-Apr-01			Daniel Vichitbandha	Database Manager/Geoprocessor	Kentucky Dept. Of Fish and Wildlife
13	9-May-01			Tim A. Miles	Fish Culture Coordinator	Utah Division of Wildlife Resources
14	9-May-01			Tim A. Miles	Fish Culture Coordinator	Utah Division of Wildlife Resources
15	9-May-01			Gary Sprandel	Data Management Analyst	Florida Fish and Wildlife Conservation Commission
16	9-May-01			Wade Van Buskirk	Fisheries programmer Analyst	Pacific States Marine Fisheries Commission
17	9-May-01			Jacqueline Johnson	Living Resources Data Manager	US EPA Chesapeake Bay Program
18	9-May-01			Robert E. Edwards	Water Quality Specialist/GIS Coordinator	Susquehanna River Basin Commission
19	9-May-01			Kathleen J. Quindlen	FWIS Coordinator/GIS Manager	Virginia Dept. of Game and Inland Fisheries
20	15-May-01	http://www.fws.gov/stand/		Barbara White	Data Specialist	USFWS, Division of Information Resources Mgmt.
21	29-May-01			Kathleen J. Quindlen	FWIS Manager/GIS Coordinator	Virginia Dept. of Game & Inland Fisheries
22	29-May-01	http://www.fgdc.gov ; http://www.vgin.state.va.us		Kathleen J. Quindlen	FWIS Manager/GIS Coordinator	Virginia Dept. of Game & Inland Fisheries
23	30-May-01			Dave Mann	GIS Manager	Utah Division Wildlife Resources
24	31-May-01			Stuart Shipman	Fisheries Biologist	Indiana Div. of Fish and Wildlife
25	1-Jun-01			Falk Huettmann	PhD PDF	Centre for Wildlife Ecology, Simon Fraser University
26	1-Jun-01			Dave Lentz	Habitat Conservation Plan Coordinator	Wisconsin Department of Natural Resources
27	14-Jun-01			Mark Kildow	Region 1 GIS Coordinator	US Fish & Wildlife Service
28	13-Jul-01			Mike Banach	StreamNet Fish Biologist	Pacific States Marine Fisheries Commission
29	13-Jul-01			Shelly Miller	Aquatic Biologist	VA Dept. of Game and Inland Fisheries
30	13-Jul-01	www.dgif.state.va.us		Shelly Miller	Aquatic Biologist	VA Dept. of Game and Inland Fisheries
31	13-Jul-01	www.dgif.state.va.us		Shelly Miller	Aquatic Biologist	VA Dept. of Game and Inland Fisheries
32	13-Jul-01	www.dgif.state.va.us		Shelly Miller	Aquatic Biologist	VA Dept. of Game and Inland Fisheries
33	17-Jul-01			David McKenna	Data Management Specialist	Alberta Sustainable Resource Development
34	24-Jul-01			Kathleen Quindlen	FWIS/GIS Section Manager	VA Dept. of Game and Inland Fisheries
35	24-Jul-01			Kathleen Quindlen	FWIS/GIS Section Manager	VA Dept. of Game and Inland Fisheries
36	24-Jul-01			Kathleen Quindlen	FWIS/GIS Section Manager	VA Dept. of Game and Inland Fisheries
37	13-Aug-01			Lenora A. Oftedahl	StreamNet Librarian	Columbia River Inter-Tribal Fish Commission
38	7-Sep-01					
39						
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	HM	HN	HO	HP	HQ	HR	HS	HT
1	Date	SC - Address Line 1	SC - Address Line 2	SC - City	SC - State/Province	SC - Postal/Zip	SC - Telephone number	SC - Email address
2	13-Apr-01	523 e. captial ave		pierre	SD	57501	(605) 773-4345	
3	13-Apr-01	523 e. captial ave		pierre	SD	57501	(605) 773-4508	
4	13-Apr-01	523 e. captial ave		pierre	SD	57501	(605) 773-5506	
5	13-Apr-01	523 e. captial ave		pierre	SD	57501	(605) 773-4195	
6	13-Apr-01	523 e. captial ave		pierre	SD	57501	(605) 773-4195	
7	13-Apr-01	523 e. captial ave		pierre	SD	57501	(605) 773-3718	
8	13-Apr-01	1350 Femrite Dr.		Monona	WI	53716	608/221-6366	fagod@dnr.state.wi.us
9	13-Apr-01	2200 North 33rd		Lincoln	NE	68503	402 471 5589	jfrancis@ngpc.state.ne.us
10	16-Apr-01	PO BOX 7921		Madison	WI	53707-7921	(608) 264-8911	morrila@dnr.state.wi.us
11	27-Apr-01	#1 Game Farm Rd.		Frankfort	KY	40601	502-564-7109 x 476	daniel.vichitbandha@mail.state.ky.us
12	27-Apr-01	#1 Game Farm Rd.		Frankfort	KY	40601	502-564-7109 x 476	daniel.vichitbandha@mail.state.ky.us
13	9-May-01	1594 West North Temple, Suite 2201		Salt Lake City	UT	84114	(801) 538-4805	nrdwr.tmiles@state.ut.us
14	9-May-01	1594 West North Temple, Suite 2201		Salt Lake City	UT	84114	(801) 538-4805	nrdwr.tmiles@state.ut.us
15	9-May-01	Division of Wildlife	620 S. Meridian St.	Tallahassee	FL	32399-6000	850-414-6081	sprandg@fwc.state.fl.us
16	9-May-01	45 SE 82nd Dr.		Gladstone	OR	97027-2522	503-650-5400	wade@psmfc.org
17	9-May-01	410 Severn Avenue, Suite 109		Annapolis	MD	21403	1-800-968-7229	Johnson.Jacqueline@epa.gov
18	9-May-01	1721 North Front St.		Harrisburg	PA	17102	717-238-0425	Redwards@srbc.net
19	9-May-01	4010 W. Broad St.		Richmond	VA	23230-1104	(804) 367-9717	kquindlen@dgif.state.va.us
20	15-May-01	Branch of Data and Systems Service	755 South Parfet Street, Suite 215	Lakewood	CO	80215-5599	303-275-2310	barb_white@fws.gov
21	29-May-01	4010 W. Broad St.		Richmond	VA	23230	(804) 367-9717	kquindlen@dgif.state.va.us
22	29-May-01	4010 W. Broad St.		Richmond	VA	23230	(804) 367-9717	kquindlen@dgif.state.va.us
23	30-May-01	1594 West North Temple, Suite 2110	PO Box 146301	Salt Lake City	UT	84114-6301	801.538.4859	nrdwr.dmann@state.ut.us
24	31-May-01	5570 N Hatchery Road	Tri-Lakes Fisheries Station	Columbia City	IN	46725	219-691-3181	sshipman@dnr.state.in.us
25	1-Jun-01	8888 University Drive	Biology Dept.	Burnaby	BC	V3C 1S6	+1 604 552 6137	huettman@sfu.ca
26	1-Jun-01	PO Box 7921	FR/4	Madison	WI	53707	608-261-6451	lentzd@dnr.state.wi.us
27	14-Jun-01	911 NE 11th Ave		Portland	OR	97232	(503) 231-2371	mark_kildow@fws.gov
28	13-Jul-01	45 SE 82nd Drive, Suite 100		Gladstone	OR	97027-2522	503-650-5400	mike_banach@psmfc.org
29	13-Jul-01	4010 West Broad Street		Richmond	VA	23230	804-367-0909	smiller@dgif.state.va.us
30	13-Jul-01	4010 West Broad Street		Richmond	VA	23230	804-367-0909	smiller@dgif.state.va.us
31	13-Jul-01	4010 West Broad Street		Richmond	VA	23230	804-367-0909	smiller@dgif.state.va.us
32	13-Jul-01	4010 West Broad Street		Richmond	VA	23230	804-367-0909	smiller@dgif.state.va.us
33	17-Jul-01	9915-108 St.		Edmonton	Alberta	T5K 2G8	(780) 415-8145	David.McKenna@gov.ab.ca
34	24-Jul-01	4010 West Broad Street		Richmond	VA	23230-1104	804-367-9717	kquindlen@dgif.state.va.us
35	24-Jul-01	4010 West Broad Street		Richmond	VA	23230-1104	804-367-9717	kquindlen@dgif.state.va.us
36	24-Jul-01	4010 West Broad Street		Richmond	VA	23230-1104	804-367-9717	kquindlen@dgif.state.va.us
37	13-Aug-01	729 NE Oregon St	Ste 190	Portland	OR	97232	503-736-3581	oftl@critfc.org
38	7-Sep-01							
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	HU	HV	HW	HX	HY	HZ	IA
1	Date	RC - Name	RC - Title	RC - Affiliation	RC - Address Line 1	RC - Address Line 2	RC - City
2	13-Apr-01	art smith	game harvest survey coordinator	sd dept. of game, fish & parks	523 e. capital		pierre
3	13-Apr-01	art smith	game harvest survey coordinator	sd dept. of game, fish & parks	523 e. capital		pierre
4	13-Apr-01	art smith	game harvest survey coordinator	sd dept. of game, fish & parks	523 e. capital		pierre
5	13-Apr-01	art smith	game harvest survey coordinator	sd dept. of game, fish & parks	523 e. capital		pierre
6	13-Apr-01	art smith	game harvest survey coordinator	sd dept. of game, fish & parks	523 e. capital		pierre
7	13-Apr-01	art smith	game harvest survey coordinator	sd dept. of game, fish & parks	523 e. capital		pierre
8	13-Apr-01						
9	13-Apr-01						
10	16-Apr-01						
11	27-Apr-01	Keith Wethington	Supervisor	Kentucky Dept. Of Fish and Wild	#1 Game Farm Rd.		Frankfort
12	27-Apr-01	Keith Wethington	Supervisor	Kentucky Dept. Of Fish and Wild	#1 Game Farm Rd.		Frankfort
13	9-May-01						
14	9-May-01						
15	9-May-01						
16	9-May-01						
17	9-May-01						
18	9-May-01						
19	9-May-01	Rebecca K. Wajda	Assistant Director, Wildlife Diversity	Virginia Dept. of Game and Inland	4010 W. Broad St.		Richmond
20	15-May-01	Barbara White	Data Specialist	USFWS, Division of Information	Branch of Data and Systems Services	755 South Parfet Street, Suite 215	Lakewood
21	29-May-01	Rebecca K. Wajda	Assistant Director, Wildlife Diversity	Virginia Dept. of Game & Inland F	4010 W. Broad St.		Richmond
22	29-May-01	Rebecca K. Wajda	Assistant Director, Wildlife Diversity	Virginia Dept. of Game & Inland F	4010 W. Broad St.		Richmond
23	30-May-01						
24	31-May-01						
25	1-Jun-01	see above					
26	1-Jun-01						
27	14-Jun-01	Ken Ostrom	GIS Biologist & Analyst	US Fish & Wildlife Service	911 NE 11th Ave		Portland
28	13-Jul-01	William Kinney	StreamNet Regional Data Manager	Pacific States Marine Fisheries C	45 SE 82nd Drive, Suite 100		Gladstone
29	13-Jul-01						
30	13-Jul-01						
31	13-Jul-01						
32	13-Jul-01						
33	17-Jul-01						
34	24-Jul-01	Jeffrey B. Trollinger	Wildlife Biologist	VA Dept. of Game and Inland Fis	4010 West Broad Street		Richmond
35	24-Jul-01	Jeffrey B. Trollinger	Wildlife Biologist	VA Dept. of Game and Inland Fis	4010 West Broad Street		Richmond
36	24-Jul-01	Jeffrey B. Trollinger	Wildlife Biologist	VA Dept. of Game and Inland Fis	4010 West Broad Street		Richmond
37	13-Aug-01						
38	7-Sep-01						
39							
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	IA	IB	IC	ID	IE	IF	IG
1	Date	RC - City	RC - State/Province	RC - Postal/Zip Code	RC - Telephone number	RC - Email address	Interested in receiving a copy
2	13-Apr-01	pierre	sd	57501	605.773-4195	arthur.smith@state.sd.us	Yes
3	13-Apr-01	pierre	sd	57501	605.773-4195	arthur.smith@state.sd.us	Yes
4	13-Apr-01	pierre	sd	57501	605.773-4195	arthur.smith@state.sd.us	Yes
5	13-Apr-01	pierre	sd	57501	605.773-4195	arthur.smith@state.sd.us	Yes
6	13-Apr-01	pierre	sd	57501	605.773-4195	arthur.smith@state.sd.us	Yes
7	13-Apr-01	pierre	sd	57501	605.773-4195	arthur.smith@state.sd.us	Yes
8	13-Apr-01						Yes
9	13-Apr-01						Yes
10	16-Apr-01						Yes
11	27-Apr-01	Frankfort	KY	40601	502-564-7109 x 405	keith.wethington@mail.state.ky.us	Yes
12	27-Apr-01	Frankfort	KY	40601	502-564-7109 x 405	keith.wethington@mail.state.ky.us	Yes
13	9-May-01						Yes
14	9-May-01						Yes
15	9-May-01						Yes
16	9-May-01						Yes
17	9-May-01						No
18	9-May-01						Yes
19	9-May-01	Richmond	VA	23230-1104	(804) 367-8351	bwajda@dgif.state.va.us	Yes
20	15-May-01	Lakewood	CO	80215-5599	303-275-2310	barb_white@fws.gov	Yes
21	29-May-01	Richmond	VA	23230	(804) 367-8351	bwajda@dgif.state.va.us	Yes
22	29-May-01	Richmond	VA	23230	(804) 367-8351	bwajda@dgif.state.va.us	Yes
23	30-May-01						
24	31-May-01						Yes
25	1-Jun-01						Yes
26	1-Jun-01						No
27	14-Jun-01	Portland	OR	97232	(503) 872 - 2820	ken_ostrom@fws.gov	No
28	13-Jul-01	Gladstone	OR	97027-2522	503-650-5400	bill_kinney@psmfc.org	Yes
29	13-Jul-01						Yes
30	13-Jul-01						Yes
31	13-Jul-01						Yes
32	13-Jul-01						Yes
33	17-Jul-01						Yes
34	24-Jul-01	Richmond	VA	23230-1104	804-367-8747	jtrollinger@dgif.state.va.us	Yes
35	24-Jul-01	Richmond	VA	23230-1104	804-367-8747	jtrollinger@dgif.state.va.us	Yes
36	24-Jul-01	Richmond	VA	23230-1104	804-367-8747	jtrollinger@dgif.state.va.us	Yes
37	13-Aug-01						No
38	7-Sep-01						
39							
40							