



United States
Department of
Agriculture

Soil
Conservation
Service

South National Technical Center
P. O. Box 6567, Fort Worth, TX
76115-6567 FTS (817) 334-5242

Subject: ENG - Transmittal of Reservoir
Sedimentation Data and Documentation

Date: September 2, 1992

To: Jerry M. Bernard, Natl. Geologist,
Engrg. Div., SCS, NHQ File code: 210

I have just copied these files from a 9 track tape to my PC, renaming the files from the Gould computer naming convention to the DOS naming convention. Actually, the credit for moving the data to my PC goes to Elaine Davis of the IRM staff here at the SNTC. Then I copied them to the streaming tape which I am sending to you. I am also sending a manual on SEDRE developed in the early 80s by Dale Bankston, National IRM Staff, and revised extensively by me. I have quite a bit of other documentation on SEDRE but it consists mainly of scribbled notes, etc., and would be of little value to anyone else without rearranging, sorting, typing, etc.

Providing this data was done in response to your call to capture the SEDRE date and all accompanying documentation and send them to you in view of the fact that I will be retiring shortly. This was done fairly quickly. Thus, the programs were not converted from the Gould format to a form usable on the PC. Although extensive reprogramming will not be needed, there are numerous small changes that must be made before these programs can be used on a PC. The "JCL" must be changed completely.

The files on the tape are of three types:

1. SEDRE data files; DMNEW.xx (28 files, approx. 8 Mb)
2. Fortran programs:
 - a. scs34rpt.for - produces the SCS-34 Report
 - b. scs34.jcl - Gould "JCL" to run the above program
 - c. 5yrrpt.for - Produces the 5 Year Sedimentation Report
 - d. r-14conv.for - Converted old "R" format data to "L4" format data
 - e. update.for - Updates the data
 - f. wfm-rpt.for - Produced special report for Bill Mildner
3. Control data required by the Fortran programs
 - a. cntl-scs.34 - Required by program 2a, above
 - b. cntl-upd.ate - Required by program 2e, above
 - c. headings.5yr - Required by program 2c, above

I am sure that there is no further need for programs 2d, 2e and 2f. However, I have included them here in case they may be of further use, especially for documentation purposes. Program 2c is still valid to produce the 5 Year Sedimentation Report until that can be replaced by the functionality of a Data Base Management System (DBMS), such as Informix.

The SEDRE data was last updated in about 1986, when Dr. Ron Morgan of the Mathematics Department of Texas Christian University, under a contract with the SCS, added several thousand data records to the data files. No sedimentation data has been added since that time.

DBMS

For SEDRE to be of any value, the data must be put into a DBMS. This task will require several major steps as listed below:

1. Design the database system. The SEDRE data must be completely rearranged to be usable in a DBMS.
2. Load the data into the new database files. A special loader program may be available in the DBMS or a special program may have to be developed due to complexity of the data.
3. Develop the standard reports. This includes designing the reports and programming to write the reports.
4. Develop procedures for updating the data.
 - a. Correcting errors in the current data
 - b. Adding new reservoir sedimentation data

If there are any questions about any of this that I may be able to answer, now or at any time in the future, please phone me. My phone number at the office (until October, 1992) is 817-334-5242. After my retirement, please feel free to call me at home, 817-297-2307.



STEPHEN M. BOYSEN
Agricultural Engineer

Enclosures

CC:
Robert A. Fronk, Jr., Head, Engrg. Staff, SNTC, SCS, Fort Worth,
TX
Peter G. Waldo, Geologist, Engrg. Staff, SNTC, SCS, Fort Worth,
TX
Dennis Erinakes, Geologist, NWQTDS, SNTC, SCS, Fort Worth, TX

SEDRE

ATTACHMENT NO. 4

- A. 80/80 list of Raw Input Data for one reservoir as it would look on the card image back-up tape discussed in report sections I.B and I.C.
- B. Hand coded sample of Raw Input Data corresponding to item A above.

NOTE: The contents of this attachment are discussed and described in report Section III.

Refer to attachment no. 2 illustrating the input data card order with respect to form SCS-34 data blocks 1-50.

Refer to attachment no. 3 expressing the raw input data card formats.

Also, refer to attachment no. 5 expressing the computer generated report form SCS-34 resulting when item A above is used as input.

Attachment No. 4

80/80 List of Raw Input Card Data For One Reservoir

23000 C BGN DATA SHEET
 23000 A SIX MILE CREEK, SITE NO. 3
 23000 B ENLO CONSERVATION DISTRICT
 23000 C SIX MILE CREEK
 23000 D 400KI CARROL 1 2 MILLS EAST OF NEBO
 23000 E 3717240873415 131.0 E 123.0 E 19480418 19480428
 23000 F A 123.0 E 198.0 E 2091.0 E
 23000 F D 131.0 E 124.0 E 1802.0 E
 23000 F G 01 97.0 E 60.2 E 491.0 E
 23000 G 1.34 E 10.14 E 9.83 E 5.17 E 1.46 E
 23000 H 398.0 E 76.0 E 25.13 E 25. 1.6 E 12.
 23000 I 56.4 -3. E 100. E
 23000 J 19480418 1 03 0.0
 23000 J 19480418A2
 23000 J 1948041853 03 03 60.2 E 03 691.0 E
 23000 J 19480418T4 03 03 198.0 E 03 3584.9 E
 23000 J 19640623 1 16.18 E
 23000 J 1964062353 RNGH 21.0 50.3 E 293.2 E
 23000 J 1964062374 CUND 2.0 E 168.0 E 3322.4 E
 23000 K 19640623 1 24.81 E
 23000 L 19640623 1 1 86U. E 1033. E 13930. E
 23000 L 19640623 2 1 86U. E 13930. E 67.4 ME 8
 23000 L 19640623 3 1
 23000 M 19640623 1 E 1 128 120 120 116 116 112 112 108 108
 23000 M 19640623 2 E 2 104 100 100 97 97 96 96 92 92 98
 23000 M 19640623 3 E 3 88 84 84 76
 23000 N 19640623 1 1 0. 0. 0. 1. 6.
 23000 N 19640623 2 2 19. 19. 4. 10. 14.
 23000 N 19640623 3 3 25. 4.
 23000 N 1964062304 1 2. 17. 19. 14. 17.
 23000 N 1964062305 2 10. 9. 7. 10. 5.
 23000 N 1964062306 3
 23000 P 1 1949 123. E 111. E 1011. E
 23000 P 2 1950 120. E 113. E 863. E
 23000 P 3 1951 118. E 112. E 996. E
 23000 P 4 1952 123. E 111. E 1024. E
 23000 P 5 1953 123. E 108. E 984. E
 23000 P 6 1954 119. E 106. E 1002. E
 23000 P 7 1955 114. E 97. E 868. E
 23000 P 8 1956 117. E 84. E 823. E
 23000 P 9 1957 115. E 83. E 694. E
 23000 P 10 1958 117. E 92. E 912. E
 23000 P 11 1959 119. E 96. E 892. E
 23000 P 12 1960 123. E 112. E 1033. E
 23000 P 13 1961 123. E 111. E 943. E
 23000 P 14 1962 119. E 109. E 862. E
 23000 P 15 1963 123. E 109. E 834. E
 23000 Q 1 119480 123. E 198.0 E 3584.9 E
 23000 Q 2 21948 120. E 178.4 E 2832.0 E
 23000 Q 3 31948 116. E 151.8 E 2394.2 E
 23000 Q 4 41948 112. E 128.9 E 1679.0 E
 23000 Q 5 51948 108. E 109.0 E 1228.3 E
 23000 Q 6 61948 104. E 94.2 E 931.9 E
 23000 Q 7 71948 100. E 75.3 E 658.0 E
 23000 Q 8 81948 97. E 60.2 E 491.0 E
 23000 Q 9 91948 96. E 58.0 E 442.3 E
 23000 Q 10 10101948 92. E 45.7 E 330.0 E
 23000 Q 11 11111948 88. E 32.1 E 265.7 E
 23000 Q 12 12121948 84. E 21.3 E 170.0 E
 23000 Q 13 13131948 80. E 11.7 E 73.0 E
 23000 Q 14 11964 123. E 146.0 E 3322.4 E
 23000 Q 15 21964 120. E 167.5 E 2774.8 E
 23000 Q 16 31964 116. E 150.5 E 2140.8 E
 23000 Q 17 41964 112. E 127.4 E 1587.0 E
 23000 Q 18 51964 108. E 104.5 E 1125.0 E
 23000 Q 19 61964 104. E 83.4 E 750.9 E
 23000 Q 20 71964 100. E 62.1 E 461.6 E
 23000 Q 21 81964 97. E 50.3 E 293.2 E
 23000 Q 22 91964 96. E 43.1 E 247.0 E
 23000 Q 23 10101964 92. E 26.4 E 109.6 E
 23000 Q 24 11111964 88. E 17.2 E 23.2 E
 23000 Q 25 12121964 84. E 1.27 E 0.0 E
 23000 R 10101SEIMENT POOL ONLY
 23000 R 20201TOTAL RESERVOIR BELOW CREST ELEVATION(123.0 FT)
 23000 R 3 01LAND USE IN WATERSHED: 21% WOODLAND; 47% PASTURE;
 23000 R 4 021% CROPLAND; 6% IDLE; 0% RESIDENTIAL.
 23000 R 5 03GEOLOGY: 25% CHACO SHALES; 18% THOMAS LS; 1 57% ORVILLE
 23000 R 6 0455.
 23000 S NEW STATE WATERSHED PLANNING PARTY, SOIL CONSERV. SERVICE
 23000 T SOIL CONSERVATION SERVICE 19660903
 23000 U END DATA SHEET

SEDRE

ATTACHMENT NO. 5

Computer Generated Form SCS-34 Output by the
SEDRE Computer Program.

NOTE: This attachment is discussed and
described in report section IV.A
and IV.B

Refer to attachment no. 4 to see
input data. Also refer to attachment
nos. 2 and 3

SEDRE

ATTACHMENT NO. 3

Raw Input Data Formats

NOTE: The contents of this attachment are discussed and described in report Section III.

Refer to Attachment no. 2 illustrating the input data card order with respect to form SCS-34 data blocks 1-50.

Also, refer to Attachment no. 4 for an 80/80 list of data and the corresponding hand coded sample.

res-a

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1567890 to # \$ % & () * : ; < = > . - +																									
PAGE (0) OF 24																									
PREPARED BY Dale Brantston																									
PROGRAM NAME: (0) 344-5231																									
GENERAL PURPOSE CODING																									
DATA SHEET NO. BREAK OUT - End columns 8-7																									
U.S. DEPARTMENT OF AGRICULTURE																									
GENERAL PURPOSE CODING																									
2000 FILLED																									

NOTE - For all data cards, type of thought tank chart, total data card number.

(below) the format expressed by this sheet in end columns 2 through 9 is:

1) The form year no. to be punched in said columns 2+3 is indicated, must be highly
identified and located leading off each
2) Type for the machine portion of the code will be punched
in said columns 4-6 which consist also of eight groups of four
leading zeros.

3) The alphabetic portion of each machine number is to be punched
in end column no. 9, otherwise leave last column blank.



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

FORM AD-437 (6-74)

RES-A

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6 7 8 9 0 & * # \$ % & ' () * / : ; < = > . - +

U.S. DEPARTMENT OF AGRICULTURE GENERAL PURPOSE CODING		PROGRAM NO. 1815-779-5231	SYSTEM BLOCK PUNCH
PREPARED BY Dale Bankston		PROGRAM NO.	PAGE (1) OF 24
<p>The format for one data card is depicted on the left.</p> <p>See on the first card for a set of data cards expressing a complete data sheet.</p>			

*
BGM DATA SHEET

DATA
SHEET
NO. 1

1	7	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

050094* BGM DATA SHEET
780151* BGM DATA SHEET

— 2 —

卷之三

Use same code
for owner & T records,

— 6 —

ANSWER: $\frac{1}{2} \times 10^8$ m/s = 5×10^7 cm/s

YES -

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z																																																																																																																																																																																																								
U.S. DEPARTMENT OF AGRICULTURE GENERAL PURPOSE CODING																																																																																																																																																																																																																																	
PHONE NO. 2812-52231 CIRCUIT NO. 12345678900 PREPARED BY Dale Bambon CIRCUIT NO. 12345678900 PHILIPPINES DATE 12/15/65 TELEGRAM NO. 3																																																																																																																																																																																																																																	
PAGE 5 OF 29																																																																																																																																																																																																																																	
BLOCK PUNCH																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th><th>17</th><th>18</th><th>19</th><th>20</th><th>21</th><th>22</th><th>23</th><th>24</th><th>25</th><th>26</th><th>27</th><th>28</th><th>29</th><th>30</th><th>31</th><th>32</th><th>33</th><th>34</th><th>35</th><th>36</th><th>37</th><th>38</th><th>39</th><th>40</th><th>41</th><th>42</th><th>43</th><th>44</th><th>45</th><th>46</th><th>47</th><th>48</th><th>49</th><th>50</th><th>51</th><th>52</th><th>53</th><th>54</th><th>55</th><th>56</th><th>57</th><th>58</th><th>59</th><th>60</th><th>61</th><th>62</th><th>63</th><th>64</th><th>65</th><th>66</th><th>67</th><th>68</th><th>69</th><th>70</th><th>71</th><th>72</th><th>73</th><th>74</th><th>75</th><th>76</th><th>77</th><th>78</th><th>79</th><th>80</th><th>81</th><th>82</th><th>83</th><th>84</th><th>85</th><th>86</th><th>87</th><th>88</th><th>89</th><th>90</th><th>91</th><th>92</th><th>93</th><th>94</th><th>95</th><th>96</th><th>97</th><th>98</th><th>99</th><th>100</th> </tr> </thead> <tbody> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td><td>57</td><td>58</td><td>59</td><td>60</td><td>61</td><td>62</td><td>63</td><td>64</td><td>65</td><td>66</td><td>67</td><td>68</td><td>69</td><td>70</td><td>71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td><td>81</td><td>82</td><td>83</td><td>84</td><td>85</td><td>86</td><td>87</td><td>88</td><td>89</td><td>90</td><td>91</td><td>92</td><td>93</td><td>94</td><td>95</td><td>96</td><td>97</td><td>98</td><td>99</td><td>100</td> </tr> </tbody> </table>																										1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																														
<p>field no. 5 market town or post office note - this crop has been planted note - tools 43 - grid by joint field</p> <p>field no. 6 county within state note - this crop has been planted note - tools 30 - 39 note - tools 44 - 52</p> <p>DATA SHEET NO. 3</p> <p>DATA CHARTS</p> <p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100</p>																																																																																																																																																																																																																																	

165 - e

4 - res

RESVU(I,1)	RESVU(I,2)	RESVU(I,3)
Resv(*8	Resv(*4	Resv(*4

res - g

U.S. DEPARTMENT OF AGRICULTURE GENERAL PURPOSE CODING		PREPARED BY STATE AND COUNTY (CONTINUED)	PHONE NO. (819) 339-5231	SYSTEM PROGRAM NO.	PAGE (8) OF 29 DATE
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20(a)	20(b)	20(c)	20(d)	20(e)
21	22	23	24	25	26
27	28	29	30	31	32
33	34	35	36	37	38
39	40	41	42	43	44
45	46	47	48	49	50
51	52	53	54	55	56
57	58	59	60	61	62
63	64	65	66	67	68
69	70	71	72	73	74
75	76	77	78	79	80
81	82	83	84	85	86
87	88	89	90	91	92
93	94	95	96	97	98
99	100	101	102	103	104
105	106	107	108	109	110
111	112	113	114	115	116
117	118	119	120	121	122
123	124	125	126	127	128
129	130	131	132	133	134
135	136	137	138	139	140
141	142	143	144	145	146
147	148	149	150	151	152
153	154	155	156	157	158
159	160	161	162	163	164
165	166	167	168	169	170
171	172	173	174	175	176
177	178	179	180	181	182
183	184	185	186	187	188
189	190	191	192	193	194
195	196	197	198	199	200
199	200	201	202	203	204
205	206	207	208	209	210
209	210	211	212	213	214
215	216	217	218	219	220
219	220	221	222	223	224
225	226	227	228	229	230
229	230	231	232	233	234
235	236	237	238	239	240
239	240	241	242	243	244
245	246	247	248	249	250
249	250	251	252	253	254
255	256	257	258	259	260
259	260	261	262	263	264
265	266	267	268	269	270
269	270	271	272	273	274
275	276	277	278	279	280
279	280	281	282	283	284
285	286	287	288	289	290
289	290	291	292	293	294
295	296	297	298	299	300
299	300	301	302	303	304
305	306	307	308	309	310
309	310	311	312	313	314
315	316	317	318	319	320
319	320	321	322	323	324
325	326	327	328	329	330
329	330	331	332	333	334
335	336	337	338	339	340
339	340	341	342	343	344
345	346	347	348	349	350
349	350	351	352	353	354
355	356	357	358	359	360
359	360	361	362	363	364
365	366	367	368	369	370
369	370	371	372	373	374
375	376	377	378	379	380
379	380	381	382	383	384
385	386	387	388	389	390
389	390	391	392	393	394
395	396	397	398	399	400
399	400	401	402	403	404
405	406	407	408	409	410
409	410	411	412	413	414
415	416	417	418	419	420
419	420	421	422	423	424
425	426	427	428	429	430
429	430	431	432	433	434
435	436	437	438	439	440
439	440	441	442	443	444
445	446	447	448	449	450
449	450	451	452	453	454
455	456	457	458	459	460
459	460	461	462	463	464
465	466	467	468	469	470
469	470	471	472	473	474
475	476	477	478	479	480
479	480	481	482	483	484
485	486	487	488	489	490
489	490	491	492	493	494
495	496	497	498	499	500
499	500	501	502	503	504
505	506	507	508	509	510
509	510	511	512	513	514
515	516	517	518	519	520
519	520	521	522	523	524
525	526	527	528	529	530
529	530	531	532	533	534
535	536	537	538	539	540
539	540	541	542	543	544
545	546	547	548	549	550
549	550	551	552	553	554
555	556	557	558	559	560
559	560	561	562	563	564
565	566	567	568	569	570
569	570	571	572	573	574
575	576	577	578	579	580
579	580	581	582	583	584
585	586	587	588	589	590
589	590	591	592	593	594
595	596	597	598	599	600
599	600	601	602	603	604
605	606	607	608	609	610
609	610	611	612	613	614
615	616	617	618	619	620
619	620	621	622	623	624
625	626	627	628	629	630
629	630	631	632	633	634
635	636	637	638	639	640
639	640	641	642	643	644
645	646	647	648	649	650
649	650	651	652	653	654
655	656	657	658	659	660
659	660	661	662	663	664
665	666	667	668	669	670
669	670	671	672	673	674
675	676	677	678	679	680
679	680	681	682	683	684
685	686	687	688	689	690
689	690	691	692	693	694
695	696	697	698	699	700
699	700	701	702	703	704
705	706	707	708	709	710
709	710	711	712	713	714
715	716	717	718	719	720
719	720	721	722	723	724
725	726	727	728	729	730
729	730	731	732	733	734
735	736	737	738	739	740
739	740	741	742	743	744
745	746	747	748	749	750
749	750	751	752	753	754
755	756	757	758	759	760
759	760	761	762	763	764
765	766	767	768	769	770
769	770	771	772	773	774
775	776	777	778	779	780
779	780	781	782	783	784
785	786	787	788	789	790
789	790	791	792	793	794
795	796	797	798	799	800
799	800	801	802	803	804
805	806	807	808	809	810
809	810	811	812	813	814
815	816	817	818	819	820
819	820	821	822	823	824
825	826	827	828	829	830
829	830	831	832	833	834
835	836	837	838	839	840
839	840	841	842	843	844
845	846	847	848	849	850
849	850	851	852	853	854
855	856	857	858	859	860
859	860	861	862	863	864
865	866	867	868	869	870
869	870	871	872	873	874
875	876	877	878	879	880
879	880	881	882	883	884
885	886	887	888	889	890
889	890	891	892	893	894
895	896	897	898	899	900
899	900	901	902	903	904
905	906	907	908	909	910
909	910	911	912	913	914
915	916	917	918	919	920
919	920	921	922	923	924
925	926	927	928	929	930
929	930	931	932	933	934
935	936	937	938	939	940
939	940	941	942	943	944
945	946	947	948	949	950
949	950	951	952	953	954
955	956	957	958	959	960
959	960	961	962	963	964
965	966	967	968	969	970
969	970	971	972	973	974
975	976	977	978	979	980
979	980	981	982	983	984
985	986	987	988	989	990
989	990	991	992	993	994
995	996	997	998	999	1000

WTRVLU(1) WTRVLU(2) WTRVLU(3) WTRVLU(4) WTRVLU(5)

FORM AD 437 (8-74)

W-1
25-1

1 2 3 4 5 6 7 8 9 0 . , - +

Write View(6)

6

1

4

۱۷۰

25 -

۱۷

not used

$(res - j)^2 = a =$ aerated = pool id
 $(res - j)^3 = s =$ submerged = pool id
 $(res - j)^4 = t =$ total = pool id
 $\{res - j\}$

U.S. DEPARTMENT OF AGRICULTURE		GENERAL PURPOSE CODING SHEET									
MOVE	ITEM NUMBER	CONTENTS									
1 DATE	12	Field No. 12									
2 SHEET	53	Date of Survey 1978									
3 NO.	19	Type of Survey T9									
4		Year the day									
5		1977 01 01									
6		1977 12 31									
7		1978 01 01									
8		1978 12 31									
9		1000									
10		1000									
11		1000									
12		1000									
13		1000									
14		1000									
15		1000									
16		1000									
17		1000									
18		1000									
19		1000									
20		1000									
21		1000									
22		1000									
23		1000									
24		1000									
25		1000									
26		1000									
27		1000									
28		1000									
29	30(a)	30(b)									
30	31	32									
31	32	33									
32	33	34									
33	34	35									
34	35	36									
35	36	37									
36	37	38									
37	38	39									
38	39	40									
39	40	41									
40	41	42									
41	42	43									
42	43	44									
43	44	45									
44	45	46									
45	46	47									
46	47	48									
47	48	49									
48	49	50									
49	50	51									
50	51	52									
51	52	53									
52	53	54									
53	54	55									
54	55	56									
55	56	57									
56	57	58									
57	58	59									
58	59	60									
59	60	61									
60	61	62									
61	62	63									
62	63	64									
63	64	65									
64	65	66									
65	66	67									
66	67	68									
67	68	69									
68	69	70									
69	70	71									
70	71	72									
71	72	73									
72	73	74									
73	74	75									
74	75	76									
75	76	77									
76	77	78									
77	78	79									
78	79	80									
79	80	81									
80	81	82									
81	82	83									
82	83	84									
83	84	85									
84	85	86									
85	86	87									
86	87	88									
87	88	89									
88	89	90									
89	90	91									
90	91	92									
91	92	93									
92	93	94									
93	94	95									
94	95	96									
95	96	97									
96	97	98									
97	98	99									
98	99	100									
99	100	101									
100	101	102									
101	102	103									
102	103	104									
103	104	105									
104	105	106									
105	106	107									
106	107	108									
107	108	109									
108	109	110									
109	110	111									
110	111	112									
111	112	113									
112	113	114									
113	114	115									
114	115	116									
115	116	117									
116	117	118									
117	118	119									
118	119	120									
119	120	121									
120	121	122									
121	122	123									
122	123	124									
123	124	125									
124	125	126									
125	126	127									
126	127	128									
127	128	129									
128	129	130									
129	130	131									
130	131	132									
131	132	133									
132	133	134									
133	134	135									
134	135	136									
135	136	137									
136	137	138									
137	138	139									
138	139	140									
139	140	141									
140	141	142									
141	142	143									
142	143	144									
143	144	145									
144	145	146									
145	146	147									
146	147	148									
147	148	149									
148	149	150									
149	150	151									
150	151	152									
151	152	153									
152	153	154									
153	154	155									
154	155	156									
155	156	157									
156	157	158									
157	158	159									
158	159	160									
159	160	161									
160	161	162									
161	162	163									
162	163	164									
163	164	165									
164	165	166									
165	166	167									
166	167	168									
167	168	169									
168	169	170									
169	170	171									
170	171	172									
171	172	173									
172	173	174									
173	174	175									
174	175	176									
175	176	177									
176	177	178									
177	178	179									
178	179	180									
179	180	181									
180	181	182									
181	182	183									
182	183	184									
183	184	185									
184	185	186									
185	186	187									
186	187	188									
187	188	189									
188	189	190									
189	190	191									
190	191	192									
191	192	193									
192	193	194									
193	194	195									
194	195	196									
195	196	197									
196	197	198									
197	198	199									
198	199	200									
199	200	201									
200	201	202									
201	202	203									
202	203	204									
203	204	205									
204	205	206									
205	206	207									
206	207	208									
207	208	209									
208	209	210									
209	210	211									
210	211	212									
211	212	213									
212	213	214									
213	214	215									
214	215	216									
215	216	217									
216	217	218									
217	218	219									
218	219	220									
219	220	221									
220	221	222									
221	222	223									
222	223	224									
223	224	225									
224	225	226									
225	226	227									
226	227	228									
227	228	229									
228	229	230									
229	230	231									
230	231	232									
231	232	233									
232	233	234									
233	234	235									
234	235	236									
235	236	237									
236	237	238									
237	238	239									
238	239	240									
239	240	241									
240	241	242									
241	242	243									
242	243	244									
243	244	245									
244	245	246									
245	246	247									
246	247	248									
247	248	249									
248	249	250									
249	250	251									
250	251	252									
251	252	253									
252	253	254									
253	254	255									
254	255	256									
255	256	257									
256	257	258									
257	258	259									
258	259	260									
259	260	261									
260	261	262									
261	262	263									
262	263	264									
263	264	265									
264	265	266									
265	266	267									
266	267	268									
267	268	269									
268	269	270									
269	270	271									
270	271	272									
271	272	273									
272	273	274									
273	274	275									
274	275	276									
275	276	277									
276	277	278									
277	278	279									
278	279	280									
279	280	281									
280	281	282									
281	282	283									
282	283	284									
283	284	285									
284	285	286									
285	286	287									
286	287	288									
287	288	289									
288	289	290									
289	290	291									
290	291	292									
291	292	293									
292	293	294									
293	294	295									
294	295	296									
295	296	297									
296	297	298									
297	298	299									
298	299	300									

Real#4 Real#8

卷之三十一

卷之三

7-15-61 (611) 3331-5231

U.S. DEPARTMENT OF AGRICULTURE
GENERAL PURPOSE COPING

CARD TYPE

100% ~~100%~~ ~~100%~~

2000-311 80X348 80X34C

BOX 34A
80X346

10

res - 84

۱۰۵۲

nike

A B C D E F G H I J K L
U.S. DEPARTMENT OF AGRICULTURE
GENERAL PURPOSE COPING SAW

res - f3

110

~~res~~ — m^1 — m^2 — m^3

YES — NO —

843 VCL
1/12/2005 half of columns)

Show digit in col.23 to indicate number of branch or tributary (on all N records for a reservoir). If blank, 1 is default.

res — $\frac{n_4}{n_5}$ — $\frac{w}{w_1}$

more

165 - p

Regulation

Ms. A. 9. 2

✓
✓

ABCDEFHJKLMNPQRSTUVWXYZ

Use old form
R.M. L.H.

Agency Making Survey

22

2

105 - 7

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
PREPARED BY <u>John Bamberton</u>																									
FOR THE NAVY																									
GENERAL PURPOSE CODING																									
U.S. DEPARTMENT OF AGRICULTURE																									
DATA SHEET																									
FORMAT																									
PRINTED NO. (817) 339-5231																									
EACH LINE NO.																									
BLOCK PUNCH DATE																									
PAGE (23) OF 24																									
COMMENCING WITH FIELD NO. 19-A																									
The format for two data cards is depicted on the sheet.																									
<p>field no. 19-a <u>Agency Designating Data</u> <u>Note - The applicable fields in columns 19-69 are left justified</u></p>																									
<p>field no. 19-b <u>Continuation of field no. 19-a above</u> <u>Note - The applicable field in column 19-69 is right justified</u></p>																									
<p><i>use old format</i></p>																									
<p><i>note - the applicable field in column 19-69 is right justified</i></p>																									
<p><i>and</i> <i>mb. 12/2/2</i></p>																									

105

Agency / Dept. Reporting the Survey (Supplying the data).
1 23

卷之三

12 13 14 15 16 17 18 19 20 21 22 23 24 25

DATA SHEET

END DATA SHEET

DATA SHEET

END DATA SHEET

05009AX

26. DATE OF SURVEY		BLOCK-37 PERIOD CAPACITY LOSS IN ACRE FEET H.AVG--TOTAL		BLOCK-38 TOTAL SEDIMENT DEPOSITS TO DATE IN ACRE FEET H.AVG--ANNUAL C.PER-SUM/YEAR	
YEAHODA 1 A. PERIOD		C.PTH-SUM/1/YEAR		1 A. TOTAL--10--UAT	
1940618	1 A1	0.0	A 0.0	A 0.0	A 0.0
1 S1	0.0	S 0.0	S 0.0	S 0.0	S 0.0
1 T1	0.0	T 0.0	T 0.0	T 0.0	T 0.0
1960623	1 A1	0.64700E+02	A 0.39900E+01	A 0.64700E+02	A 0.39900E+01
1 S1	0.14700E+02	S 0.12400E+02	S 0.12400E+01	S 0.12225E+02	S 0.12436E+01
1 T1	0.26270E+03	T 0.16224E+02	T 0.16250E+01	T 0.16224E+02	T 0.16504E+01

26. DATE OF SURVEY		BLOCK-39 SEDIMENT AVG DRY WEIGHT TONS PER SQ MILE PER YEAR		BLOCK-40 SEDIMENT DEPOSIT TONS PER SQ MILE PER YEAR		BLOCK-41 SEDIMENT LOSS IN PERCENT		BLOCK-42 SEDIMENT INFLOW POUNDS PER MONTH	
YEAHODA		A.-----PERIOD CUMMUNED ESTIMATE SW A.-----PERIOD A UNKNOWN, GIVNM-VS USED		A.-----PERIOD 8. TOTAL-TU-DATE A.-----PERIOD A.-----PERIOD		A.-----PERIOD B. TOTAL-TU-DATE A.-----PERIOD		A.-----PERIOD B. TOTAL-TU-DATE A.-----PERIOD	
1940618	1 A1	0.0	A 0.0	A 0.0	A 0.0	1 A 0.0	1 A 0.0	A 0.0	A 0.0
1 S1	0.0	S 0.0	S 0.0	S 0.0	S 0.0	1 S 0.0	1 S 0.0	S 0.0	S 0.0
1 T1	0.0	T 0.0	T 0.0	T 0.0	T 0.0	1 T 0.0	1 T 0.0	T 0.0	T 0.0
1960623	1 A1	0.0	A 0.59716E+03	A 0.59716E+03	A 0.59716E+03	1 A 0.13	1 A 0.09	A 0.50171E+04	A 0.50168E+04
1 S1	0.0	S 0.14	S 0.14	S 0.14	S 0.14	1 S 0.29	1 S 0.29	S 0.15337E+05	S 0.15337E+05
1 T1	0.0	T 67.40	T 67.40	T 67.40	T 67.40	1 T 67.40	1 T 67.40	T 0.20354E+05	T 0.20354E+05

26. SURVEY DATE-19640608	43.1	DEPTH DESIGNATION WANGE IN FEET BELOW AND ABOVE CHEST ELEVATION 128-120-120-116-116-112-112-108-108-108-108-100-100-100-47, 97- 46, 96- 92, 92- 88, 88- 84, 84- 76, 76- 68, 68- 60, 60- 50, 50- 40, 40- 30, 30-20, 20-10, 10-0
26. SURVEY DATE-19640608	43.1	PERCENT OF INITIAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION
0.0	0.0	0.0 6.00 14.00 19.00 4.00 10.00 12.00 25.00 4.00 0.0 0.0 0.0

44. NEACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR
00-70 TU-HU 80-90 90-100 -105 -110 -115 -120 -125
0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100 0.0 0.0 0.0 0.0 0.0

2.00 17.00 19.00 14.00 17.00 10.00 9.00 10.00 10.00 0.0 0.0 0.0 0.0 0.0

45. RANGE IN RESERVOIR OPERATION

WATER-YEAR	MAX-ELEV	MIN-ELEV	INFLOW-ACFY	WATER-YEAR	MAX-ELEV	MIN-ELEV	INFLOW-ACFY
1949	123.0	111.0	1011.0	1957	115.0	93.0	694.0
1950	120.0	113.0	963.0	1958	117.0	92.0	912.0
1951	118.0	112.0	946.0	1959	119.0	96.0	992.0
1952	123.0	111.0	1024.0	1960	123.0	112.0	1033.0
1953	123.0	108.0	969.0	1961	123.0	111.0	943.0
1954	119.0	106.0	1002.0	1962	119.0	109.0	862.0
1955	116.0	97.0	868.0	1963	123.0	109.0	834.0
1956	117.0	86.0	823.0				

46. ELEVATION-AREA-CAPACITY DATA

CAPACITY-YEAR	ELEV	AREA	CAPACITY	CAPACITY-YEAR	ELEV	AREA	CAPACITY
1948	123.0	198.0	3581.0	1964	123.0	198.0	3322.0
1948	120.0	178.4	2832.0	1964	120.0	167.5	2774.0
1948	116.0	151.8	2394.0	1964	116.0	150.5	2140.0
1948	112.0	126.9	1679.0	1964	112.0	127.4	1587.0
1948	108.0	109.0	1228.0	1964	108.0	106.5	1125.0
1948	104.0	94.2	931.9	1964	104.0	83.4	750.0
1948	100.0	75.3	656.0	1964	100.0	62.1	461.0
1948	97.0	60.2	491.0	1964	97.0	50.3	293.2
1948	96.0	58.0	442.0	1964	96.0	43.1	247.0
1948	92.0	45.7	330.0	1964	92.0	26.4	109.0
1948	88.0	32.1	265.7	1964	88.0	17.2	23.2
1948	84.0	21.3	170.0	1964	84.0	1.3	0.0
1948	80.0	11.7	73.0				

47. REMARKS AND REFERENCES

01)SEDIMENT POOL ONLY
 02)TOTAL RESERVOIR HELM CHEST ELEVATION 1123.0 FT!
 03)LAND USE IN WATERSHED: 21% WOODLAND, 47% PASTURE,
 0218% CHORLAND, 03% BOLT, 04% RESIDENTIAL.
 03)GEOLGY: 25% CHOCO SHALE; 10% THOMAS LS.1 57% ONVILLE
 04%)

48. AGENCY MAKING SURVEY--NEW STATE WATERSHED PLANNING PARTNERSHIP, STATE LANDSCAPE SERVICE
 49. AGENCY SUPPLYING DATA--SOIL CONSERVATION SERVICE
 END OF DATA SHEET

SEDRE

ATTACHMENT NO. 6

Breakout of reservoirs within each state grouped into various sizes of net sediment contributing areas and then summed.

NOTE: Refer to report section IV.A.4

STATE OF OKLAHOMA - RESERVOIR TOTAL CRAINAGE AREAS - SQUARE MILES

SEQ DATA	FIPS COUNTY AC. SHEET	NAME CCDE NAME	RESERVOIR NAME	TOTAL CRAINAGE AREAS - SQUARE MILES						
				LAT DEG	LONG DEG	AREA LT-01	AREA 01-05	AREA 03-10	AREA 10-20	AREA GT-20
1 45001	400K TULSA	LITTLE DEEP FORK SITE 10	LITTLE DEEP FORK SITE 10	360905	961505	0.0	0.0	0.0	0.0	74504.0
2 45001	400K TULSA	LITTLE DEEP FORK SITE 10	CCBLE GREEK SITE 5	360905	961505	0.0	0.0	0.0	0.0	74504.0
3 45036A	400K WASHINGTON	HEYBURN LAKE	EUFALIA LAKE	355652	961722					123.0
4 45039A	400K CREEK	BIG WENOKA SITE NO. 36	BIG WENOKA SITE 36	351025	952145					47522.0
5 45041	400K MCINTOSH	BIG WENOKA SITE 36	BIG WENOKA SITE 36	351230	963020					
6 45053	400K HUGHES	CANE CREEK SITE NO. 11	CANE CREEK SITE NO. 11	351030	964730					
7 45053	400K MUGGESS	SITE 17 BIG WENOKA	SITE 17 BIG WENOKA	354220	975210					
8 45054	400K OKMULGEE	SITE 17 BIG WENOKA	SITE 17 BIG WENOKA	361040	972010					
9 45055	400K SEMINOLE	UNCLE JOHN SITE NO. 7	UNCLE JOHN SITE NO. 7	363315	993400					3200.0
10 45055	400K SEMINOLE	UPPER BLACK BEAR 64	UPPER BLACK BEAR 64	364440	980808					12463.0
11 46000	400K CANADIAN	FCRT SUPPLY LAKE	FCRT SUPPLY LAKE	360500	983600					993.0
12 46001	400K NOBLE	GREAT SALT PLAINS LAKE	CANTON LAKE	345610	944310					
13 46001	400K WOODWARD	CANTON LAKE	WISTER LAKE	343130	970630					
14 46002B	400K ALFALFA	WISTER LAKE	RCK CREEK SITE 6	345300	991800					
15 46013B	400K BLAINE	RCK CREEK SITE 6	ALTUS RESERVOIR	352640	995330					
16 46002C	400K LEFFORE	CAVALRY CREEK SITE 1	MILL CREEK SITE 17	342410	965120					
17 50001C	400K MURRAY	MILL CREEK SITE 17	MILL CREEK SITE 17	983940	352350					
18 50001C	400K GREEN-KIOWA	CCBB CREEK NO. 3	CCBB CREEK NO. 3	993000	353400					
19 50014A	400K WASHITA	SANDSTONE SITE NO. 1	SANDSTONE SITE NO. 1	0	0					5.2
20 50024A	400K JOHNSTON	SANDSTONE SITE NO. 1	SANDSTONE SITE NO. 1	0	0					5.2
21 50024A	400K JOHNSTON	SANDSTONE SITE NO. 3	SANDSTONE SITE NO. 3	0	0					
22 50026A	400K WASHITA	SANDSTONE SITE NO. 3	SANDSTONE SITE NO. 3	0	0					
23 50027A	400K ROGER MILLS	SANDSTONE SITE NO. 5	SANDSTONE SITE NO. 5	0	0					
24 50027A	400K ROGER MILLS	SANDSTONE SITE NO. 5	SANDSTONE SITE NO. 5	0	0					
25 50028B	400K ROGER MILLS	SANDSTONE - SITE 6	SANDSTONE - SITE 6	353108	993110	0.6	0.6	0.6	0.6	6.5
26 50028B	400K ROGERS MILLS	SANDSTONE - SITE 6	SANDSTONE - SITE 6	352250	993130	0.0	0.0	0.0	0.0	6.5
27 50029A	400K BECKHAM	SANDSTONE SITE 9	SANDSTONE SITE 9	0	0					
28 50030B	400K BECKHAM	SANDSTONE SITE 10A	SANDSTONE SITE 10A	352340	903330	0.0	0.0	0.0	0.0	
29 50030B	400K BECKHAM	SANDSTONE SITE 10A	SANDSTONE SITE 10A	0	0					
30 50031A	400K ROGER MILLS	SANDSTONE SITE 16A	SANDSTONE SITE 16A	352610	994150	0.0	0.0	0.0	0.0	
31 50032B	400K BECKHAM	SANDSTONE SITE 16A	SANDSTONE SITE 16A	353050	993645	0.0	0.0	0.0	0.0	
32 50032B	400K BECKHAM	WHITEFIELD CREEK SITE NO. 17	WHITEFIELD CREEK SITE NO. 17	0	0					
33 50033A	400K ROGER MILLS	WHITEFIELD CREEK SITE NO. 17	WHITEFIELD CREEK SITE NO. 17	353240	992015	0.0	0.0	0.0	0.0	
34 50034B	400K ROGER MILLS	WHITEFIELD CREEK SITE NO. 17	WHITEFIELD CREEK SITE NO. 17	0	0					
35 50034B	400K ROGER MILLS	WHITEFIELD CREEK SITE NO. 17	WHITEFIELD CREEK SITE NO. 17	0	0					
36 50035B	400K ROGER MILLS	WHITEFIELD CREEK SITE NO. 17	WHITEFIELD CREEK SITE NO. 17	0	0					
37 50035B	400K ROGER MILLS	WHITEFIELD CREEK SITE NO. 17	WHITEFIELD CREEK SITE NO. 17	0	0					
38 50036B	400K ROGER MILLS	WHITEFIELD CREEK SITE NO. 17	WHITEFIELD CREEK SITE NO. 17	0	0					
39 50037A	400K ROGER MILLS	WHITEFIELD CREEK SITE NO. 17	WHITEFIELD CREEK SITE NO. 17	0	0					
40 50041B	400K BECKHAM	WHITEFIELD CREEK SITE NO. 17	WHITEFIELD CREEK SITE NO. 17	0	0					
41 50041B	400K BECKHAM	WILDHORSE SITE NO. 1	WILDHORSE SITE NO. 1	343105	971210	1.0	1.0	1.0	1.0	1.0
42 50042B	400K GARVIN	WILDHORSE NC. 1	WILDHORSE NC. 1	343150	974120	0.0	0.0	0.0	0.0	1.0
43 50042B	400K GARVIN	BARNITZ 14	BARNITZ 14	0	0					
44 50043B	400K STEPHENS	CML CREEK 1	CML CREEK 1	346245	971730	0.0	0.0	0.0	0.0	4.2
45 50044B	400K MCCLAIN	CML CREEK NC. 1	CML CREEK NC. 1	0	0					3.0
46 50044B	400K MCCLAIN	CHIGLEY SANCY SITE NO. 4	CHIGLEY SANCY SITE NO. 4	345008	970420	0.0	0.0	0.0	0.0	3.0
47 50045A	400K GARVIN	CHIGLEY SANCY SITE 4	CHIGLEY SANCY SITE 4	0	0					
48 50045A	400K GARVIN	BARNITZ 14	BARNITZ 14	354730	900530	0.0	0.0	0.0	0.0	4.2
49 50047A	400K DEWEY	BARNITZ NO. 14	BARNITZ NO. 14	975350	343340	0.0	0.0	0.0	0.0	2.1
50 50047A	400K DEWEY	RUSH CREEK NO. 2	RUSH CREEK NO. 2	983820	350130	0.0	0.0	0.0	0.0	3.4
51 50051	400K GRADY	SADDLE MOUNTAIN NO. 2	SADDLE MOUNTAIN NO. 2	0	0					2.2
52 50052	400K KIOWA	TOTAL NO. OF RESERVOIRS IN EACH AREA CATEGORY	TOTAL NO. OF RESERVOIRS IN EACH AREA CATEGORY	0	0					9

SEDRE

ATTACHMENT NO. 7

Breakout of reservoirs listed by
total drainage area (block 18).

NOTE: Refer to report section IV.A.5

RESERVOIR DRAINAGE AREAS LESS THAN 5 SQUARE MILES

SEC DATA	CRAIN RESERVOIR AREA NAME	DATE BEGAN	STATE COUNTY FIPS NAME	LOCATION IN COUNTY	LAT DEG	LONG DEG
NC-SHEET	0.0 BATAVIA KILL SITE 4A	15700592	36NY GREENE	422000 741500		
1 03000	0.0 MARTIN CREEK PA-467	15670896	42PA SUQUEHANNA	414600 754500		
2 04000	0.4 PELTO OAH	19550688	36NY TIOGA	421300 763100		
3 04008A	0.4 PYLKAS DAM	19550688	36NY TIOGA	421000 763100		
4 04009A	0.7 LOCH RAVEN RESERVOIR	15140000	24MD BALTIMORE	392550 763242		
5 04012	0.0 PATTERSON CREEK-SITE 1	15670688	36NY BROOME	420800 760100		
6 04019	4.3 PATTERSON CREEK-SITE 1	15670688	36NY BROOME	420800 760100		
7 04019	4.3 LITTLE CHOCOONUT 2B	15681008	36NY BROOME	421100 755800		
8 04020	1.6 N DATA SHEET	15581008	36NY BROOME	421100 755800		
9 04020	1.6 N DATA SHEET	15360688	24MD PRINCE GEORGES	0 0		
10 050048	0-8 GREENBELT LAKE	15560496	51VA AUGUSTA	0 0		
11 05012	2-7 SOUTH RIVER, SITE 26	15660896	24MD HOWARD	0 0		
12 05013	1-9 WILDE LAKE	15620816	51VA PITTSYLVANIA	0 0		
13 06000	0.0 W. KERR SCOTT RESERVOIR	15551216	37NC ALEXANDER	631500 342900		
14 07016	4-8 SITE NO. 7, THIRD CREEK	1561560688	13GA STEPHENS	632100 343400		
15 08005A	3-8 STRUCTURE NO. 11 NORTH FORK BROAD 19580608	13GA STEPHENS	631500 343800			
16 08006	3-7 STRUCTURE NO. 11 NORTH FORK BROAD R15540992	13GA STEPHENS	631900 343800			
17 08007	1-2 STRUCTURE 14 NORTH FORK BROAD	15591200	13GA WHITE	43800 631900		
18 11003	2-9 SITE 13, SAUTE CREEK	15591200	13GA WHITE	822000 822000		
19 11003	2-9 SAUTE CREEK SITE 13	19610304	01AL RANDOLPH	0 0		
20 12008	1-6 HIGH PINE DAM NO. 5	19531088	28MS MARSHALL	0 0		
21 150218	0.2 W. W. MURPHY POND	19531088	28MS MARSHALL	0 0		
22 150278	0-2 W. W. MURPHY POND	19530400	28MS LAFAYETTE	0 0		
23 150288	0-5 POWER LINE DAM	19530400	28MS LAFAYETTE	0 0		
24 150288	0-5 POWER LINE DAM	19531088	28MS MARSHALL	0 0		
25 150298	0-3 ANDREW SMITH POND	195631008	47TN HENDERSON	353951 682300		
26 16001	0-7 BEECH LAKE	195631008	47TN HENDERSON	354020 681919		
27 16001	0-7 BEECH LAKE	195631104	47TN HENDERSON	353444 682036		
28 16002	4-4 CEDAR LAKE	195630992	47TN HENDERSON	354108 681934		
29 16004	4-3 LOST CREEK DETENTION DAM	195650608	47TN HENDERSON	353350 682242		
30 16007	2-8 RED BUD LAKE	195650112	47TN HENDERSON	0 0		
31 16008	2-8 SYCAMORE LAKE	0	21KY BRECKINRIDGE	0 0		
32 16031	2-9 ROUGH RIVER FRS NO. 1	15601088	21KY HICKMAN	364601 684928		
33 16032	0-4 ORION CREEK FRS 24	15601088	21KY SPENCER	380400 652500		
34 16032	0-4 ORION CREEK FRS 24	15560896	21KY LINCOLN	380400 652500		
35 17016A	1-0 PLUM CREEK NO. 15	15561200	21KY PIKE	0 0		
36 17017A	0-6 PLUM CREEK NO. 17	15550896	21KY PIKE	372600 6222500		
37 18013	1-4 UPPER GREEN RIVER 5 (PILOT)	15681008	21KY PIKE	372600 6222500		
38 190C3	1-1 FISHTRAP LAKE	15681008	21KY PIKE	0 0		
39 19003	1-1 FISHTRAP LAKE	15470000	390H ADAMS	394210 624050		
40 19036A	4-4 ADAMS LAKE	19560400	390H FAIRFIELD	390150 624019		
41 19039A	1-5 UPPER HOCKING NO. 2	19520000	390H JACKSON	0 0		
42 19050	1-7 JISCO LAKE	15470000	21KY HOPKINS	422300 782500		
43 19054	1-0 COLONIAL MINE LAKE	15470000	21KY HOPKINS	422300 782500		
44 19055	0-0 A STRIP MINE LAKE	15480192	390H PERRY	391825 683422		
45 21035C	0-C CLOUSE LAKE	19540992	51VA HARRISON	422300 782500		
46 21049A	0-3 HAYARD MASON	15620800	36NY CATTARAUGUS	0 0		
47 21055	2-8 ISCHUA CREEK - SITE 2	15620800	36NY POTTER	415944 773056		
48 21055	2-8 ISCHUA CREEK - SITE 2	15620800	42PA POTTER	415944 773056		
49 21057	3-4 PA-406 NORTH FORK CONANESQUE RIV15611088	15620800	42PA POTTER	0 0		
50 21057	3-4 PA-406 NORTH FORK CONANESQUE RIV15611088	15620800	42PA POTTER	0 0		

RESERVING DRAINAGE AREAS LESS THAN 5 SQUARE MILES

SEC	DATA	CRAIN RESERVOIR AREA NAME	DATE BEGAN	STATE FIPS COUNTY	LOCATION IN COUNTY		LAT DEG	LONG DEG
					NAME	NAME		
NC.	SHEET	0.3 SALEM FORK NO.	11A	19540992 54MV HARRISON			0	0
51	21058	0.3 SALEM FORK NO.	11A	15540992 54MV HARRISON			0	0
52	21058	0.3 CONTRIS POND		19470000 390H ALLEN			0	0
53	22011C	0.1 CONTRIS POND		15270000 26M1 WASHTEAN			0	0
54	22017	4.7 SHARON HOLLOW		15580688 27M1 POLK EAST			0	0
55	3000C	1.5 ORWELL DAM		0 29M0 BOONE			0	0
56	31038A	3.0 ASHLAND RESERVOIR		0 29M0 BOONE			0	0
57	31038A	3.0 ASHLAND RESERVOIR		19370000 29M0 BOONE			0	0
58	31038A	3.0 ASHLAND RESERVOIR		19370000 29M0 BOONE			0	0
59	31038A	3.0 ASHLAND RESERVOIR		19370000 29M0 BOONE			0	0
60	31038A	3.0 ASHLAND RESERVOIR		15360000 20KS LINN			0	0
61	31048	0.8 WAKEFIELD		15581008 20KS JACKSON			0	0
62	31049	0.2 POOL		15570000 20KS JACKSON			0	0
63	31050	0.3 RICHTER		19560688 20KS JACKSON			0	0
64	31051	0.2 REAMER		15360000 20KS ANDERSON			0	0
65	31052	1.2 ROGERS		19610592 20KS LINN			0	0
66	31053	0.2 LEMON		15600688 20KS JOHNSON			0	0
67	31054	0.8 ELK CAMERA RESERVOIR		19600896 20KS JOHNSON			0	0
68	31055	0.6 OBERHELMON POND		19550000 20KS FRANKLIN			0	0
69	31056	0.9 RICHMOND LAKE		15550192 20KS LINN			0	0
70	31057	0.4 HALL POND		15360000 20KS LINN			0	0
71	31058	0.9 JOHNSON POND		15570992 20KS NORTON			0	0
72	32031	1.8 HEIKES POND		15600992 20KS MITCHELL			0	0
73	32032	1.4 FINNEY POND		19561200 20KS ELLIS			0	0
74	32033	1.0 CHRISLER POND		19561200 20KS OTTAWA			0	0
75	32034	1.1 CHANCY POND		15560400 20KS WASHINGTON			0	0
76	32035	1.2 BRUNA POND		15530592 20KS JEWELL			0	0
77	32036	0.6 BURGER POND		15601200 20KS RUSSELL			0	0
78	32037	1.3 DUVALL POND		15541088 20KS PHILLIPS			0	0
79	32038	1.3 JANSONIUS POND		15441200 20KS TREGO			0	0
80	32039	0.9 JESSE POND		15601088 20KS CLOUD			0	0
81	32040	1.0 KING POND		15500896 20KS JEWELL			0	0
82	32041	0.8 KINSEY POND		15520400 20KS OTTAWA			0	0
83	32042	0.9 LEE POND		15600992 20KS WASHINGTON			0	0
84	32043	0.7 LINDSLEY POND		15320688 20KS REPUBLIC			0	0
85	32044	0.9 LLOYD POND		15510688 20KS SMITH			0	0
86	32045	2.2 LOVELL POND		19550288 20KS ELLIS			0	0
87	32047	2.4 NORTH POND		19640288 20KS REPUBLIC			0	0
88	32048	0.9 RALEIGH POND		15540288 20KS GRAHAM			0	0
89	32049	2.5 SANGER POND		15540688 20KS REPUBLIC			0	0
90	32050	1.6 SKUCIUS POND		15601088 20KS CLAY			0	0
91	32051	0.7 SCHURLE POND		15580800 20KS TREGO			0	0
92	32052	3.9 WALLZ POND		15540592 20KS CLAY			0	0
93	32053	0.6 WOELHOFF POND		15481088 20KS RAMLINS			0	0
94	33009	1.4 DOZBABA POND		15581200 20KS DECATOR			0	0
95	33010	3.3 FRICKY POND		15480992 20KS RAMLINS			0	0
96	33011	4.8 WALKER POND		15581088 20KS CHEYENNE			0	0
97	33012	0.8 STROULD POND		15520000 31NE STOCK POND			0	0
98	33014	1.5 BONDEGARD STOCK POND		5-026, T-105, R-64W			0	0
99	34008A	2.9 R-3 KIOWA CREEK WATERSHED		5-023, T-105, R-64W			0	0
100	3401C	0.6 Q-51 KIOWA CREEK WATERSHED		0 0BCO ELBERT			0	0

RESERVOIR DRAINAGE AREAS LESS THAN 5 SQUARE MILES

SEC	DATA	DRAIN RESERVOIR	STATE	COUNTY	LOCATION IN COUNTY	LAT DEG	LONG DEG
AC.	SHEET	AREA NAME	BEGAN	FIPS NAME			
1C1	34013	3.1 SLAB CANYON CCC	19370688	08CD LARIMER	S-006. T-10N. R-69	405200	1050930
102	35045A	0.2 MULE CREEK A	19540688	19IA MILLS	S-034. T-72N. R-42W	0	0
1C1	35045A	0.2 MULE CREEK A	19540688	19IA MILLS	S-003. T-72N. R-42W	405920	933942
104	35046	0.4 MULE CREEK B	19540800	19IA MILLS	S-034. T-72N. R-42W	0	0
105	35046	0.4 MULE CREEK B	19540800	19IA MILLS	S-034. T-72N. R-42W	0	0
106	35046	0.4 MULE CREEK B	19540800	19IA MILLS	S-034. T-72N. R-42W	405930	933946
1C7	35047	0.9 MULE CREEK C	19540688	19IA MILLS	S-034. T-72N. R-42W	0	0
108	35047	0.9 MULE CREEK C	19550992	19IA MILLS	S-001. T-71N. R-42W	0	0
109	35048	0.1 MULE CREEK P	19550992	19IA MILLS	S-013. T-71N. R-42W	0	0
11C	35048	0.1 MULE CREEK P	19550992	19IA MILLS	S-013. T-71N. R-42W	405715	933646
111	35048	0.1 MULE CREEK P	19540688	19IA MILLS	S-001. T-71N. R-42W	0	0
112	35049	0.8 MULE CREEK R	19550992	19IA MILLS	S-001. T-71N. R-42W	0	0
113	35049	0.8 MULE CREEK R	19550992	19IA MILLS	S-001. T-71N. R-42W	405905	933746
114	35049	0.8 MULE CREEK R	19540992	46SD UNION	S-017. T-94N. R-40W	0	0
115	36021A	1.8 SCOTT CREEK 1	19511088	46SD BUTTE	S-032. T-012. R-08E	440034	1030010
116	38004A	1.3 N-9 (SMEEKN)	19521200	46SD MEADE	S-004. T-04N. R-05E	442030	1031310
117	38006	0.0 STURGIS WATERSHED NO. 1	19531200	46SD MEADE	S-004. T-04N. R-05E	402010	1031310
118	38007	0.1 STURGIS WATERSHED NO. 2	19531200	46SD MEADE	S-004. T-04N. R-05E	442010	1031310
119	38008	0.3 STURGIS WATERSHED NO. 3	19350000	46SD PENNINGTON	S-003. T-06N. R-27W	0	0
120	38011	3.0 NEW UNDERWOOD RESERVOIR	19540992	05AR LOGAN	S-032. T-24N. R-13E	0	0
121	44014	4.1 SITE NO. 6, SIX MILE CREEK	19550192	40OK WASHINGTON	S-035. T-021. R-013	381042	935713
122	45036A	0.0 DOUBLE CREEK SITE 5	19390992	20KS COFFEY	S-NE8. T-33S. R-18E	391100	0
123	45042	0.2 HATCH	19531088	20KS LABETTE	SSM10. T-35S. R-18E	0	0
124	45043	0.4 MOUND VALLEY EXPERIMENTAL STATION	19531088	20KS LABETTE	S-NE2. T-31S. R-18E	0	0
125	45044	0.2 CRANDOR	19551200	20KS LABETTE	SSM15. T-022. R-014	380743	935197
126	45045	0.2 SCOTT	195340000	20KS COFFEY	TSM11. T-022. R-014	380858	935710
127	45046	0.2 FLETCHER	195270000	20KS COFFEY	S-032. T-032. R-014	371151	935345
128	45047	0.4 ISCH POND	195330000	20KS MONTGOMERY	SSM014. T-030. R-14E	372611	935032
129	45048	1.7 HESS POND	195370688	20KS WILSON	SM020. T-030. R-14E	373727	509514
13C	45049	0.1 OLENHOUSE	195370592	20KS WILSON	S-028. T-030. R-013	372500	945914
131	45050	0.2 SIERMAN	19480992	20KS ELK	S-028. T-022. R-14E	380933	935157
132	45051	0.4 HUBERT	193900000	20KS COFFEY	S-036. T-08N. R-08E	0	0
133	45052	0.3 MERIT POND	19560608	40OK HUGHES	S-036. T-08N. R-08E	391230	933020
134	45053	2.3 BIG WENOKA SITE 36	19560608	40OK HUGHES	S-009. T-08N. R-07E	0	0
135	45053	2.3 BIG WENOKA SITE 36	195630288	40OK SEMINOLE	S-009. T-08N. R-07E	351030	964730
136	45053	2.2 SITE 17 BIG WENOKA	19630288	40OK SEMINOLE	S-034. T-21N. R-01W	361040	972010
137	45055	2.2 SITE 17 BIG WENOKA	19680496	40OK NOBLE	S-NW3. T-26S. R-04W	314924	974500
138	46001	2.3 UPPER BLACK BEAR 64	195320496	20KS RENO	SNE11. T-032. R-01E	371703	971650
139	46023	2.3 NICHLAUS	19580000	20KS SUMNER	S-NE4. T-23S. R-01E	360500	971830
140	46024	0.1 THEVER	19481008	20KS HARVEY	S-001. T-33S. R-07W	371200	980100
141	46025	0.2 KOULOURIS	195340896	20KS HARPER	S-024. T-19S. R-07W	390900	980200
142	46026	0.2 ADAMS	19581200	20KS RICE	S-010. T-33S. R-11W	371230	983000
143	46027	0.6 SMITH-CASE	19360592	20KS BARBER	S-008. T-32S. R-13W	371700	984500
144	46028	0.6 WORKMAN	19550288	20KS BARBER	S-012. T-34S. R-12W	0	0
145	46029	0.3 GANT	0	340001	S-020. T-34S. R-06W	370430	980000
146	46030C	0.3 SCHUPBACH	19570000	20KS HARPER	S-013. T-22S. R-01E	380900	971600
147	46031	0.7 BARRETT	19590800	20KS HARVEY	S-014. T-22S. R-01W	380930	972500
149	46033	1.2 MILLER	19500592	20KS HARVEY	S-014. T-31S. R-11W	372200	983000
150	46034	1.7 MEASE	19610192	20KS BARBER			

RESERVICIA DRAINAGE AREAS LESS THAN 5 SQUARE MILES

SEC	DATA	DRAIN RESERVOIR	AC.	SWEET AREA NAME	DATE BEGAN	STATE FIPS NAME	COUNTRY	LAT	LONG
								DEG	DEG
151	46035	3.0 BERGER POND	0	0.238 0133	100.000E	SNW20, T-023, R-24W	0	0	0
152	46036	3.6 PARIS	0	20KS LANE	028 0133	S-012, T-019, R-29W	382430	1002630	0
153	46037	0.2 SIEBERT	0	50KS MEADE	028 0134	SNW20, T-034, R-026	370430	1001100	0
154	46038	1.1 HOOP	0	50KS MEADE	028 0135	SSW26, T-030, R-028	372430	1002100	0
155	46040	2.0 WHITFORD	0	50KS CLARK	028 0136	SSE16, T-031, R-023	372030	994900	0
156	46041	2.4 DAVIS	0	50KS FINNEY	028 0137	N-034, T-022, R-30W	380500	1003800	0
157	46042	1.8 LIPPOLDT	0	50KS HODGEHAN	028 0138	SNE13, T-023, R-023	380722	994938	0
158	46043	1.2 SEBES POND	0	50KS HODGEHAN	028 0139	S-018, T-022, R-22W	375754	995403	0
159	46045	0.6 BARBER	0	50KS RICE	028 0140	S-020, T-025, R-10W	381800	0	0
160	46046	2.1 COBERLY	0	50KS LANE	028 0141	S-017, T-019, R-28W	382630	1002730	0
161	46047	0.3 SMITH POND	0	50KS HODGEHAN	028 0142	SNE10, T-021, R-023	381254	995335	0
162	46048	1.6 SELTMAN	0	50KS RUSH	028 0143	SSW28, T-019, R-17W	382230	991230	0
163	46049	0.6 RAYL	0	50KS SUMNER	028 0144	SSW20, T-032, R-01W	371500	972658	0
164	46050	0.3 LANGE	0	50KS SUMNER	028 0145	SNW27, T-030, R-03W	372452	973805	0
165	46051	2.2 BRODIE	0	50KS CLARK	028 0146	SSE27, T-033, R-022	370830	994200	0
166	46052	1.0 GLEN	0	50KS CLARK	028 0147	SSW25, T-032, R-024	71300	995200	0
167	46053	0.8 ISAAC	0	50KS MEADE	028 0148	S-SW7, T-034, R-026	370600	1001200	0
168	46054	2.2 FOX	0	50KS CLARK	028 0149	S-034, T-031, R-022	371800	994200	0
169	47008	0.4 BOLES	0	50KS Seward	028 0150	SNE12, T-032, R-034	371700	1005800	0
170	47010	2.8 LAHEY	0	50KS STEVENS	028 0151	S-NE3, T-031, R-036	372300	1011230	0
171	47011	1.9 HARTSHORN	0	50KS STEVENS	028 0152	SSE36, T-025, R-41W	374945	1014630	0
172	47012	1.1 CHRISTIAN	0	50KS STEVENS	028 0153	SNW13, T-030, R-037	372500	1011900	0
173	47013	0.5 DOWNING	0	50KS STEVENS	028 0154	T-032, R-035, R-035	371600	1010700	0
174	47014	3.4 AMERINE	0	50KS HAMILTON	028 0155	SSE12, T-026, R-42W	374900	1015200	0
175	48000	1.1 FISHERS PEAK - CARBON ARROYOS	0	50KS LAS ANIMAS	028 0156	S-019, T-335, R-63W	370915	1042945	0
176	49000	0.7 SITE NO. 2, LOGAN-SLOUGH WATERSHED	0	50KS MURRAY	028 0157	OTHER QT	334828	994823	0
177	50001	4.5 ROCK CREEK SITE 6	0	50KS MURRAY	028 0158	S-017, T-01N, R-03E	343330	970630	0
178	50014A	2.2 CAVALRY CREEK SITE 1	0	50KS MURRAY	028 0159	S-027, T-09N, R-16W	352040	995330	0
179	50024A	1.6 MILL CREEK SITE 17	0	50KS JOHNSTON	028 0160	S-001, T-2-S, R-4-E	0	0	0
180	50024A	1.6 MILL CREEK SITE 17	0	50KS JOHNSTON	028 0161	T-02W, R-04E	362410	965120	0
181	50028B	0.6 SANDSTONE SITE NO. 3	0	50KS ROGER MILLS	028 0162	S-015, T-12N, R-22W	0	0	0
182	50028B	0.6 SANDSTONE SITE NO. 3	0	50KS ROGER MILLS	028 0163	S-015, T-12N, R-22W	0	0	0
183	50029A	3.9 SANDSTONE SITE NO. 5	0	50KS ROGER MILLS	028 0164	S-026*, T-12N, R-22W	0	0	0
184	50031A	3.5 SANDSTONE - SITE 9	0	50KS ROGER MILLS	028 0165	S-028, T-12N, R-22W	0	0	0
185	50032B	2.9 SANDSTONE SITE 10A	0	50KS ROGER MILLS	028 0166	S-032*, T-12N, R-22W	0	0	0
186	50032B	2.9 SANDSTONE SITE 10A	0	50KS ROGER MILLS	028 0167	S-035*, T-12N, R-23W	0	0	0
187	50033A	1.C SANDSTONE CREEK NO. 14	0	50KS ROGER MILLS	028 0168	S-033*, T-12N, R-22W	0	0	0
188	50037A	2.2 SANDSTONE - SITE 22	0	50KS ROGER MILLS	028 0169	S-035*, T-12N, R-22W	0	0	0
189	50041B	0.6 WHITESFIELD CREEK SITE 4	0	50KS BECKHAM	028 0170	S-026, T-12N, R-20W	0	0	0
190	50041B	0.6 WHITESFIELD CREEK SITE 4	0	50KS BECKHAM	028 0171	S-026, T-12N, R-20W	0	0	0
191	50042B	1.0 WILDHORSE SITE NO. 1	0	50KS GARVIN	028 0172	S-033, T-01N, R-01E	343105	971210	0
192	50042B	1.0 WILDHORSE NO. 1	0	50KS GARVIN	028 0173	S-034*, T-01N, R-05W	343150	974120	0
193	50043B	1.0 WILDHORSE CREEK NO. 33	0	50KS STEPHENS	028 0174	S-022*, T-05N, R-01W	0	0	0
194	50044B	0.6 OWL CREEK 1	0	50KS STEPHENS	028 0175	S-022*, T-05N, R-01W	346243	971730	0
195	50044B	0.6 OWL CREEK NO. 1	0	50KS STEPHENS	028 0176	S-112, T-02N, R-02E	0	0	0
196	50045A	3.8 CHIGLEY SANDY SITE NO. 4	0	50KS STEPHENS	028 0177	S-001, T-02N, R-02E	345005	970420	0
197	50045A	3.8 CHIGLEY SANDY SITE 4	0	50KS STEPHENS	028 0178	S-028, T-16N, R-17W	0	0	0
198	50047A	4.2 BARNITZ 14	0	50KS STEPHENS	028 0179	S-028, T-16N, R-17W	354730	990530	0
199	50047A	4.2 BARNITZ NO. 14	0	50KS STEPHENS	028 0180	OTHER	4030	0	0
200	50050	1.5 SITE NO. 1, KENT CREEK WATERSHED	0	50KS BRISCO	028 0181	50KS BRISCO	0	0	0

RESERVOIR DRAINAGE AREAS LESS THAN 5 SQUARE MILES

SEC	DATA	CRAIN RESERVOIR	DATE	STATE COUNTY	LOCATION	LAT	LONG
NC.	AREA NAME	BEGAN		IN COUNTY		DEG	DEG
SHEET		FIPS NAME		THEIR OT			
2C1	50050	1.5 SITE NO. 1. KENT CREEK	19640416 48TX BRISCOE			342324	1010456
	2.1 RUSH CREEK NO. 2	19590816 400K GRADY		S-015. T-03N. R-07W		342350	343340
2C2	50051	3.4 SADDLE MOUNTAIN NO. 2	19590400 400K KIOWA			S-002. T-06N. R-14W	350130
2C3	50052	3.4 WARREN RANCH LAKE	19520000 48TX HARRIS			285905	955030
204	51000	4.3 SITE NO. 10 CLEAR FOKK WATERSHED	15551008 48TX PARKER			325445	975230
205	51025B	2.0 SITE NO.	15520192 48TX COLLIN			331500	971000
2C6	51026B	2.0 SITE NO.	15520192 48TX COLLIN			331807	964118
207	51027B	2.1 HONEY CREEK	15520096 48TX COLLIN			331815	964000
208	51027B	1.3 SITE NO.	15520096 48TX COLLIN			331815	0
2C9	51027B	1.3 SITE 12. HONEY CREEK	15520096 48TX COLLIN			331815	0
21C	51031A	2.C SITE NO.	11-B. ELM FORK WATERSHED	19581104 48TX COOKE		0	0
211	51031A	2.0 SITE NO.	11-B. ELM FORK WATERSHED	15581104 48TX COOKE		333915	970610
212	51034	1.5 SITE NO.	21. CLEAR CREEK WATERSHED	15620208 48TX COOKE		972300	334200
213	51034	1.5 SITE 21. CLEAR CREEK	19620208 48TX COOKE			972300	972300
214	51037	2.0 SITE 37. CHAMBERS CREEK	15601216 48TX JOHNSON			972000	322500
215	51037	2.0 SITE NO.	101-A. CHAMBERS CREEK	15601216 48TX JOHNSON		322597	20
216	51038	2.6 SITE NO.	W 15600400 48TX NAVARRO			964830	320530
217	51038	2.6 SITE 101-A. CHAMBERS CREEK	15600400 48TX NAVARRO			320530	964830
218	51039	2.5 SITE NO.	7. CLEAR FORK WATERSHED	15550992 48TX PARKER		0	0
219	51039	2.5 SITE 7. CLEAR FORK OF TRINITY	15550992 48TX PARKER			329609	974823
220	51040	4.1 SITE NO.	17. DENTON CREEK WATERSHED	15620496 48TX WISE		0	0
221	51040	4.1 SITE NO.	17. DENTON CREEK WATERSHED	15620496 48TX WISE		332434	912823
222	52002	3.5 SITE NO.	31. LOWER PLUM CREEK	15660496 48TX CALDWELL		294730	973230
223	52008A	0.0 SITE NO.	6. CALAVERAS CREEK*	15561200 48TX BEXAR		292000	982000
224	52016A	3.0 SITE NO.	19. ESCONDIDO CREEK	15540912 48TX MARSH		975330	284645
225	52016A	3.0 SITE NO.	19. ESCONDIDO	15540912 48TX KARNES		204645	975330
226	52017	3.C SITE NO.	6. CUMMINS CREEK WATERSHED	15580816 48TX FAYETTE		300700	964430
227	53033B	1.4 SITE NO.	3. COW BAYOU WATERSHED	15551088 48TX MCLENNAN		312130	971900
228	53033B	1.4 COW BAYOU. SITE 3	15551088 48TX MCLENNAN			312030	971900
229	53035A	3.4 SITE NO.	3. DEEP CREEK WATERSHED	19531104 48TX MCCULLOCH		311715	990930
230	53036A	3.6 SITE NO.	1. GREEN CREEK WATERSHED	15550416 48TX ERATH		0	0
231	53036A	3.6 SITE NO.	1. GREEN CREEK WATERSHED	15550416 48TX ERATH		321000	972020
232	53040A	4.7 SITE NO.	9. MUKEWATER CREEK	15610096 48TX COLEMAN		314135	991215
233	53046	3.0 SITE NO. 9. LOWER SAN SABA RIVER	15600096 48TX SAN SABA			9853	3048
234	54010	4.2 SITE NO.	18. VALLEY CREEK WATERSHED	15640624 48TX RUNNELS		320000	10006600
235	56005	2.8 LOWREY DRAV. SITE NO. 9	15610608 48TX SUTTON			304020	1003330
236	56008	1.1 LOWREY DRAV. SITE NO. 13	15550000 35NM SANDOVAL			303350	100745
237	57001	4.1 BERNALILLO RETARDING DAM	1. SANTA CRUZ RIVER WATERSHED SITE 1	15620912 35NM RIO ARRIBA	S-033. T-13N. R-04E	331649	1063137
			2.4 SANTA CRUZ RIVER WATERSHED SITE	15620688 35NM RIO ARRIBA	S-036. T-21N. R-09E	360049	1055609
238	57002		3. SANTA CRUZ RIVER WATERSHED SITE	15620688 35NM RIO ARRIBA	S-036. T-21N. R-09E	360032	1055846
239	57003		4. SANTA CRUZ RIVER WATERSHED SITE	15620688 35NM RIO ARRIBA	S-033. T-21N. R-09E	360018	1055913
240	57004		1.3 SANTA CRUZ RIVER WATERSHED SITE	15620688 35NM RIO ARRIBA	S-031. T-16S. R-04W	355228	1071710
241	57017		0.9 CABALLO ARROYOS SITE 1. UNDERWOOD	15591088 35NM SIERRA	S-009. T-02N. R-09E	355830	1055935
242	57018		3.1 SANTA CRUZ RIVER WATERSHED SITE	15620400 35NM SANTA FE	S-009. T-20N. R-09E	355830	1055926
243	57018		3.1 SANTA CRUZ RIVER WATERSHED SITE	19620400 35NM SANTA FE	S-026. T-21N. R-09E	360103	1052729
244	57019		1.2 WATERSHED. SANTA CRUZ RIVER SITE	19620912 35NM RIO ARRIBA	S-025. T-18S. R-04W	324300	1071230
245	57020		3.8 NORTH SALEM (ATCH VALLEY ARROYO)	15570416 35NM DONA ANA	S-022. T-19S. R-03W	3210	1070825
246	57021		2.1 RODEY (ATCH VALLEY ARROYOS NO.	15580688 35NM SIERRA	S-001. T-02S. R-09E	331708	1112246
247	60028A	0.7 WILLIAMS-CHANDLER PONG	2	15440000 04AZ MARICOPA	S-002. T-04N. R-10E	334300	1111800
				0 04AZ GILA	S-002. T-04N. R-10E	334300	1111800
				0 04AZ GILA	S-003. T-04N. R-10E	334300	1111800

RESERVOR DRAINAGE AREAS LESS THAN 5 SQUARE MILES

SEC	DATA	DRAIN AREA NAME	RESERVOIR	DATE BEGAN	STATE COUNTY FIPS NAME	LOCATION		LONG DEG	LAT DEG
						CITY	NAME		
NC.	SHEET	0-1 THREE BAR F	DEBRIS BASIN		0 04AZ GILA	S-003, T-04N, R-10E	334300 11119C0		
251	60040A	0-6 BENNET 14			0 04AZ COCHISE	S-029, T-19S, R-23E	314200 1100200		
252	60041	0-4 COWAN 7			0 04AZ COCHISE	S-018, T-20S, R-23E	314200 1121800		
253	60042	0-9 HORSETHIEF BASIN			15340000 0 04AZ MARICOPA	S-031, T-00N, R-01E	341100 114500		
254	60043	0-1 KELLER TANK			0 04AZ MARICOPA	S-021, T-03N, R-06E	333700 131702	1310410	
255	60046	0-7 GALLETA TANK			0 04AZ MARICOPA	S-003, T-02S, R-08W	331702 0 0	0	0
256	60047	0-8 MELLICK TANK			15560000 0 04AZ MARICOPA	S-020, T-07N, R-05W	0 0	0	0
257	60048	0-1 POQUETTE TANK			15650496 0 04AZ MARICOPA	S-031, T-13N, R-21E	343000 1100900		
258	60049	0-5 STOCKYARD TANK			15430000 0 04AZ NAVAJO	S-002, T-13N, R-20E	432800 11013C0		
259	61003	0-6 THOMAS TANK 1			15470000 0 04AZ NAVAJO	S-035, T-12N, R-21E	344600 1100600		
260	61004	0-3 ELLSMORTH TANK			15480000 0 04AZ NAVAJO	S-030, T-12N, R-19E	342300 11017C0		
261	61005	0-4 NEW TANK			15380000 0 04AZ NAVAJO	S-024, T-12N, R-19E	341600 11028C0		
262	61006	0-3 WEST HALL TANK			15440000 0 04AZ NAVAJO	S-006, T-11N, R-20E	0 0	0	0
263	61007	0-1 THOMAS TANK II			15410000 49UT WASHINGTON	S-005, T-04Z, R-017	370900 1134700		
264	61008	0-0 CCC POND (WEST)			15400000 49UT WASHINGTON	S-005, T-42S, R-17W	370900 1134700		
265	62008	0-3 CCC POND (EAST)			15410000 49UT WASHINGTON	S-019, T-42S, R-14W	370700 1132800		
266	62009	0-0 RONDO RUESCH DEBRIS BASIN	2		15440000 49UT WASHINGTON	S-019, T-42S, R-14W	370700 1132800		
267	62010	0-1 RONDO RUESCH DEBRIS BASIN	1		15440000 49UT WASHINGTON	S-002, T-43S, R-15W	370400 11329C0		
268	62011	1-1 ILIFF ANDRUS			15490000 49UT WASHINGTON	S-021, T-43S, R-13W	370200 1131900		
269	62012	1-2 MINFRED SPENDLOVE			15460000 49UT WASHINGTON	S-026, T-42S, R-16W	370400 11333C0		
270	62013	0-6 BLACK KNOTLS			15220000 49UT WASHINGTON	S-010, T-40S, R-16W	371800 1135100		
271	62014	0-6 LITTLE GRASSY POND			15430000 49UT WASHINGTON		0 0	0	0
272	62015	0-1 BILL SNOW POND			15560000 49UT WASHINGTON				
273	62016	0-2 MANGANESE MASH			15560000 49UT WASHINGTON				
274	62017	0-4 PAONIA RESERVOIR			15650000 0BCO MESA	OTHER S-01N, R-02E	390830 1083025		
275	63000	0-4 PAONIA RESERVOIR			15650000 0BCO MESA	S-020, T-01N, R-01E	390926 1082843		
276	63000	0-3 CHEROKEE RETENTION RESERVOIR			15650000 0BCO MESA	S-016, T-01N, R-01E	390933 1082956		
277	63001	1-1 CHOCTAW RETENTION RESERVOIR			15650000 0BCO MESA	S-017, T-01N, R-01E	390947 1082956		
278	63002	0-2 CHEYENNE RETENTION RESERVOIR			15650000 0BCO MESA	S-017a, T-01N, R-01E	390947 1082956		
279	63003	0-2 CHIPPENNA RETENTION RESERVOIR			15650000 0BCO MESA	S-036, T-06S, R-104	391900 1085600		
280	63004	0-0 PRAIRIE DOG (4A)			156531200 0BCO MESA	S-036, T-08S, R-104	391900 1085600		
281	63006A	0-0 PRAIRIE DOG (4A)			156531200 0BCO MESA	S-036, T-08S, R-104	391900 1085600		
282	63006A	0-0 PRAIRIE DOG (4A)			15531200 0BCO MESA	S-024, T-08S, R-104	392000 1085600		
283	63006A	0-0 PRAIRIE DOG (4A)			15531200 0BCO MESA	S-024, T-08S, R-104	392000 1085600		
284	63008A	0-1 UPPERHANKS (1-A)			19531200 0BCO MESA	S-039, T-02S, R-104	392000 1085700		
285	63008A	0-1 UPPERHANKS (1-A)			15531200 0BCO MESA	S-039, T-02S, R-104	392000 1085700		
286	63008A	0-0 UPPERHANKS (1-A)			19531200 0BCO MESA	S-024, T-08S, R-104	392000 1085600		
287	63009	0-1 WEST TWIN (2-A)			19531200 0BCO MESA	S-039, T-02S, R-104	392000 1085700		
288	63009	0-1 WEST TWIN (2-A)			15531200 0BCO MESA	S-036, T-08S, R-104	391900 1085600		
289	63009	0-0 WINDY POINT (4-B)			15531200 0BCO MESA	S-036, T-08S, R-104	391900 1085600		
290	63010	0-0 OILWELL (3-A)			15531200 0BCO MESA	S-025, T-08S, R-104	392000 1085700		
291	63010	0-1 OILWELL (3-A)			15531200 0BCO MESA	S-025, T-08S, R-104	392000 1085600		
292	63010	0-0 WINDY POINT (4-B)			15531200 0BCO MESA	S-036, T-08S, R-104	391900 1085600		
293	63011	0-0 WINDY POINT (4-B)			15531200 0BCO MESA	S-036, T-08S, R-104	391900 1085600		
294	63011	0-0 WINDY POINT (4-B)			15531200 0BCO MESA	S-025, T-08S, R-104	392000 1085700		
295	63012	0-2 YUCCA (2-B)			15531200 0BCO MESA	S-025, T-08S, R-104	392000 1085700		
296	63012	0-2 YUCCA (2-B)			15531200 0BCO MESA	S-025, T-08S, R-104	392000 1085600		
297	63012	0-0 NORTH BASIN (3-B)			15531200 0BCO MESA	S-025, T-08S, R-104	392000 1085600		
298	63013	0-0 NORTH BASIN (3-B)			15531200 0BCO MESA	S-025, T-08S, R-104	392000 1085600		
299	63013	0-0 NORTH BASIN (3-B)			15531200 0BCO MESA	S-025, T-08S, R-104	392000 1085600		
300	63013	0-0 NORTH BASIN (3-B)			15531200 0BCO MESA	S-025, T-08S, R-104	392000 1085600		

RESERVOIR DRAINAGE AREAS LESS THAN 5 SQUARE MILES

SEC	DATA	DRAIN RESERVOIR AREA NAME	DATE	STATE	COUNTY	LOCATION IN COUNTY	LAT DEG	LONG DEG
			BEGAN	FIPS	NAME			
NC.	SHEET	0.0 NORTH BASIN (3-8)						
SC1	63013	0.0 NORTH BASIN (3-8)	1G531200	08C0	MESA	5-025. T-085, R-104	392000	1085600
3C2	63013	0.0 NORTH BASIN (3-8)	1G531200	08C0	MESA	5-025. T-085, R-104	392000	1085600
303	63014	0.1 LOWER HANKS (1-8)	1G531200	08C0	MESA	5-025. T-085, R-104	392000	1085600
3C4	63014	0.1 LOWER HANKS (1-8)	1G531200	08C0	MESA	5-025. T-085, R-104	392000	1085600
305	63014	0.1 LOWER HANKS (1-8)	1G531200	08C0	MESA	5-025. T-085, R-104	392000	1085600
3C6	63014	0.1 LOWER HANKS (1-8)	1G650704	08C0	EAGLE	5-003. T-035, R-83W	394427	1064049
3C7	63015	0.0 BOCO MOUNTAIN NO. 1	1G650704	08C0	EAGLE	5-003. T-035, R-83W	394427	1064049
3C8	63015	0.0 BOCO MOUNTAIN NO. 1	1G650704	08C0	EAGLE	5-003. T-035, R-83W	394427	1064049
309	63015	0.0 BOCO MOUNTAIN NO. 1	1G650688	08C0	EAGLE	5-034. T-045, R-83W	394431	1064059
310	63016	0.0 BOCO MOUNTAIN NO. 3	1G650688	08C0	EAGLE	5-034. T-045, R-83W	394431	1064059
311	63016	0.0 BOCO MOUNTAIN NO. 3	1G650688	08C0	EAGLE	5-034. T-045, R-83W	394431	1064059
312	63016	0.0 BOCO MOUNTAIN NO. 3	0	08C0	GRAND	OTHER	35400	1055300
313	63017	1.1 FOOL CREEK DEBRIS BASIN	0	08C0	GRAND	OTHER	395400	1055300
314	63018	1.C DEADHORSE CREEK WEIR	0	08C0	GRAND	OTHER	395400	1055300
315	63019	0.5 LEZEN CREEK WEIR	0	08C0	GRAND	OTHER	395400	1055300
316	63020	3.1 EAST ST. LOUIS CREEK WEIR	0	08C0	ROUTT	5-025. T-07W, R-84W	403230	1064500
317	64002	3.4 SOUTH SODA CREEK WEIR	0	08C0	ROUTT	5-000. T-07N, R-83W	403225	1064500
318	64003	2.2 NORTH FISH CREEK WEIR	0	08C0	ROUTT	5-000. T-05N, R-83W	402235	1064230
319	64004	1.3 WEST WALTON CREEK WEIR	0	08C0	ROUTT	5-000. T-04S, R-22E	402500	1092500
320	64005	0.1 BULLWINKLE	1G3B0000	49UT	UINTAH	5-014. T-04S, R-21E	403500	1093600
321	64006	1.4 ROCK CANYON	1G360000	49UT	UINTAH	5-006. T-03S, R-21E	402600	1093000
322	64007	0.1 NILES HASLEM POND	1G520000	49UT	UINTAH	5-018. T-04S, R-22E	402600	1093800
323	64008	0.7 MAESER RESERVOIR	1G420000	49UT	UINTAH	5-026. T-04S, R-20E	402600	1093500
324	66000	3.C SAND- H CANYON DEBRIS BASIN	1G710592	49UT	SEVIER	5-015. T-25S, R-03W	303500	1120500
325	70001	2.8 ALISO DEBRIS BASIN	1G700688	06CA	LOS ANGELES	5-011. T-02N, R-16W	341629	1183134
326	70002	0.2 ALTADENA GOLF COURSE DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	341049	1180659
327	70003	0.3 BEATTY DEBRIS BASIN	1G701200	06CA	LOS ANGELES	5-026. T-01M, R-10W	341051	1175400
328	70004	2.9 BIG DALTON DEBRIS BASIN	0	06CA	LOS ANGELES	S-021. T-01M, R-09W	340811	1174959
329	70005	0.5 BLANCHARD DEBRIS BASIN	0	06CA	LOS ANGELES	S-017. T-02N, R-13W	341513	1181612
330	70006	0.3 BRACE DEBRIS BASIN	1G710192	06CA	LOS ANGELES	S-035. T-02N, R-14W	341252	1181919
331	70007	- 3.7 LIMEKILIN DEBRIS BASIN	1G630000	06CA	LOS ANGELES	S-016. T-02N, R-16W	341540	1183323
332	70009	0.1 OAK GLADE DEBRIS BASIN	1G740800	06CA	LOS ANGELES	S-014. T-01M, R-11W	341025	1175931
333	70010	0.1 STARFALL DEBRIS BASIN	1G731088	06CA	LOS ANGELES	S-022. T-02N, R-13W	341448	1181410
334	70011	0.0 STURTEVANT DEBRIS BASIN	0	06CA	LOS ANGELES	S-016. T-01M, R-11W	341018	1180219
335	700148	2.3 LIVE OAK DAM	1G5220000	06CA	LOS ANGELES	OTHER	340755	1174437
336	700149	2.3 LIVE OAK DAM	1G5220000	06CA	LOS ANGELES	S-032. T-01M, R-08W	340755	1174437
337	700149	2.3 LIVE OAK DAM	1G5270192	06CA	LOS ANGELES	OTHER	341010	1174837
338	70026C	4.5 BIG DALTON FLOOD CONTROL BASIN	1G5260000	06CA	LOS ANGELES	S-013. T-01M, R-11W	341027	1175910
339	70033A	3.3 SAMPIT FLOOD CONTROL BASIN	1G5260000	06CA	LOS ANGELES	OTHER	0	0
340	70033A	3.3 SAMPIT FLOOD CONTROL BASIN	1G5280000	06CA	LOS ANGELES	S-016. T-01M, R-11W	341034	1180231
341	70034A	2.4 SIERRA MADRE DEBRIS DAM	1G5280000	06CA	LOS ANGELES	S-016. T-01M, R-11W	341034	1180231
342	70034A	2.4 SIERRA MADRE DEBRIS DAM	1G5280000	06CA	LOS ANGELES	S-016. T-01M, R-11W	341034	1180231
343	70034A	2.4 SIERRA MADRE DEBRIS BASIN (FORME	0	06CA	LOS ANGELES	S-016. T-01M, R-11W	341034	1180231
344	70034A	2.4 SIERRA MADRE DEBRIS BASIN (FORME	0	06CA	LOS ANGELES	S-016. T-01M, R-11W	341034	1180231
345	70034A	2.4 SIERRA MADRE DEBRIS BASIN (FORME	0	06CA	LOS ANGELES	S-027. T-01M, R-08W	340822	1174245
346	70035B	3.5 THOMPSON CREEK FLOOD-CONTROL BASIN	1G515270000	06CA	LOS ANGELES	S-027. T-01M, R-08W	340822	1174245
347	70035B	3.5 THOMPSON CREEK FLOOD-CONTROL BASIN	1G515270000	06CA	LOS ANGELES	S-027. T-01M, R-08W	340822	1174245
348	70035B	3.5 CREEK FLOOD-CONTROL BASIN	1G2700000	06CA	LOS ANGELES	OTHER	0	0
349	70038B	0.6 BAILEY DEBRIS DAM	0	06CA	LOS ANGELES	OTHER	0	0
350	70038B	0.6 BAILEY DEBRIS DAM	0	06CA	LOS ANGELES	OTHER	0	0

RESERVOIR DRAINAGE AREAS LESS THAN 5 SQUARE MILES

SEC	DATA	DRAIN	RESERVOIR	DATE	STATE	COUNTY	LOCATION	LAT	LONG
NC.	Sheet	Area	Name	BEGAN	FIPS	Name	In County	DEG	DEG
351	7C038B	0-6	BAILEY DEBRIS DAM	0	06CA	LOS ANGELES	LAND GRANT	341040	118040
352	70038B	0-6	BAILEY DEBRIS DAM	0	06CA	LOS ANGELES	LAND GRANT	341040	118040
353	70038B	0-6	BAILEY DEBRIS DAM	0	06CA	LOS ANGELES	LAND GRANT	341040	118040
354	70038B	0-6	BAILEY CANYON DEBRIS DAM (REVISE	0	06CA	LOS ANGELES	LAND GRANT	341115	118164
355	70039B	1-C	BRAND DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	341104	118163
356	70039B	1-0	BRAND DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	341457	1181510
357	70040B	0-8	DUNSMUIR DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	341457	1181510
358	70040B	0-8	DUNSMUIR DEBRIS BASIN	0	06CA	LOS ANGELES	S-021. T-02N, R-13W	341452	1181508
359	70040B	0-8	DUNSMUIR DEBRIS BASIN	0	06CA	LOS ANGELES	S-021. T-02N, R-13W	341452	1181508
360	70040B	0-8	DUNSMUIR DEBRIS BASIN	0	06CA	LOS ANGELES	S-021. T-02N, R-13W	341452	1181508
361	70040B	0-8	DUNSMUIR DEBRIS BASIN	0	06CA	LOS ANGELES	S-000. T-02N, R-13W	0	0
362	70041B	0-6	EAGLE DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	341406	1181203
363	70041B	0-6	EAGLE DEBRIS BASIN	0	06CA	LOS ANGELES	S-000. T-02N, R-12W	0	0
364	70042B	0-2	FAIR OAKS DEBRIS BASIN	0	06CA	LOS ANGELES	S-033. T-02N, R-12W	341240	1180910
365	70042B	0-2	FAIR OAKS DEBRIS BASIN	0	06CA	LOS ANGELES	S-000. T-01N, R-12W	0	0
366	70043A	0-3	FERN DEBRIS BASIN	0	06CA	LOS ANGELES	S-033. T-02N, R-12W	341235	1180850
367	70043A	0-3	FERN DEBRIS BASIN	0	06CA	LOS ANGELES	S-033. T-02N, R-12W	341235	1180850
368	70043A	0-3	FERN DEBRIS BASIN (REVISED)	0	06CA	LOS ANGELES	S-025. T-02N, R-13W	341330	1181150
369	70044C	0-5	GOULD DEBRIS BASIN	0	06CA	LOS ANGELES	S-025. T-02N, R-13W	341330	1181150
37C	7C044C	0-5	GOULD DEBRIS BASIN	0	06CA	LOS ANGELES	S-025. T-02N, R-13W	341330	1181150
371	70044C	0-5	GOULD DEBRIS BASIN	0	06CA	LOS ANGELES	S-000. T-02N, R-13W	341330	1181150
372	70046B	1-1	HALL'S DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	341330	1181340
373	70046B	1-1	HALL'S DEBRIS BASIN (REVISED)	0	06CA	LOS ANGELES	LAND GRANT	341330	1181340
374	70046B	1-1	HALL'S DEBRIS BASIN (REVISED)	0	06CA	LOS ANGELES	OTHER	0	0
375	70047B	0-2	HAY DEBRIS BASIN	0	06CA	LOS ANGELES	S-026. T-02N, R-13W	341330	1181230
376	70047B	0-2	HAY DEBRIS BASIN	0	06CA	LOS ANGELES	OTHER	0	0
377	70048A	0-5	LOS FLORES DEBRIS BASIN	0	06CA	LOS ANGELES	S-003. T-01N, R-12W	341205	1180733
378	70048A	0-5	LOS FLORES DEBRIS BASIN	0	06CA	LOS ANGELES	S-003. T-01N, R-12W	341205	1180733
379	70048A	0-5	LOS FLORES DEBRIS BASIN (REVISED)	0	06CA	LOS ANGELES	OTHER	0	0
38C	70049B	0-5	LINCOLN DEBRIS BASIN	0	06CA	LOS ANGELES	S-005. T-01N, R-12W	341210	1180930
381	70049B	0-5	LINCOLN DEBRIS BASIN	0	06CA	LOS ANGELES	S-005. T-01N, R-12W	341210	1180930
382	70049B	0-5	LINCOLN DEBRIS BASIN	0	06CA	LOS ANGELES	S-005. T-01N, R-12W	341210	1180930
383	70049B	0-5	LINCOLN DEBRIS BASIN (REVISED)	0	06CA	LOS ANGELES	S-000. T-01S, R-14W	0	0
384	70050B	0-9	NICHOLS DEBRIS BASIN	19370000	06CA	LOS ANGELES	LAND GRANT	340630	1182140
385	70050B	0-9	NICHOLS DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	341345	1181430
386	70052B	1-0	PICKENS DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	341345	1181430
387	70052B	1-0	PICKENS DEBRIS BASIN	0	06CA	LOS ANGELES	OTHER	0	0
388	70053B	1-3	RUBIO DEBRIS BASIN	0	06CA	LOS ANGELES	S-003. T-01N, R-12W	341156	1180715
389	70053B	1-3	RUBIO DEBRIS BASIN	0	06CA	LOS ANGELES	OTHER	0	0
39C	70054A	0-7	SCHOLL DEBRIS BASIN	0	06CA	LOS ANGELES	OTHER	0	0
391	70054A	0-7	SCHOLL DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	340911	1181203
392	70054A	0-7	SCHOLL DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	340911	1181203
393	70054A	0-7	SCHOLL DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	341510	1181420
394	70055B	0-3	SHIELDS DEBRIS BASIN	0	06CA	LOS ANGELES	OTHER	0	0
395	70055B	0-3	SHIELDS DEBRIS BASIN	0	06CA	LOS ANGELES	OTHER	0	0
396	70056B	0-2	SNOVER DEBRIS BASIN	0	06CA	LOS ANGELES	S-022. T-02N, R-13W	341430	1181330
397	70056B	0-2	SNOVER DEBRIS BASIN	0	06CA	LOS ANGELES	S-036. T-02N, R-14W	341234	1181009
398	70058C	1-6	STOUGH DEBRIS BASIN	0	06CA	LOS ANGELES	OTHER	0	0
399	70059B	0-4	SUNSET CANYON DEBRIS BASIN	0	06CA	LOS ANGELES	LAND GRANT	341217	1181702
40C	70059B	0-4	SUNSET CANYON DEBRIS BASIN (UPPER)	0	06CA	LOS ANGELES	LAND GRANT		

RESERVOIR DRAINAGE AREAS LESS THAN 5 SQUARE MILES

SEC. DATA	CRAIN RESERVOIR	NAME	DATE BEGAN	STATE COUNTY	LOCATION	LAT DEG	LONG DEG
NG. SHEET	0.4	SUNSET CANYON DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT IN COUNTY	341217 1101702	0 0
4C1	70059B	0.4 WEST RAVINE DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	341250 1100950	0
402	70063A	0.3 WEST RAVINE DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	341250 1100950	0
403	70063A	0.3 WEST RAVINE DEBRIS BASIN (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	341250 1101542	0
404	70063A	0.3 WEST RAVINE DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	341250 1101542	0
405	70065B	0.6 COOKS CANYON DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
406	70065B	0.6 COOKS CANYON DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
407	70066A	0.2 AUBURN DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
4C8	70067A	0.7 BRADBURY DEBRIS BASIN (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
409	70067A	0.7 BRADBURY DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
410	70068A	0.1 CARTER DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
411	70069A	0.6 DEER DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
412	70072A	0.3 LANNON DEBRIS BASIN (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
413	70072A	0.3 LANNON DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
414	70073B	0.3 HADDOCK DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
415	70074A	0.7 MAY DEBRIS BASIN NO. 1	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
416	70074A	0.7 MAY DEBRIS BASIN NO. 2	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
417	70075A	0.1 MAY DEBRIS BASIN NO. 1	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
418	70075A	0.1 MAY DEBRIS BASIN NO. 2 (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
419	70075A	0.1 MAY DEBRIS BASIN NO. 2 (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
420	70076A	0.6 MCCLURE DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
421	70077A	0.6 ROMLEY DEBRIS BASIN (FLOWER)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
422	70079A	0.1 RUBY DEBRIS BASIN (FLOWER) (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
423	70079A	0.1 RUBY DEBRIS BASIN (FLOWER) (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
424	70079A	0.1 RUBY DEBRIS BASIN (FLOWER) (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
425	70081A	1.5 SIERRA MADRE VILLA DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
426	70082A	0.4 SPINKS DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
427	70082A	1.0 TURNBULL DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
428	70083A	1.0 TURNBULL DEBRIS BASIN (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
429	70083A	1.0 TURNBULL DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
430	70084A	0.4 ZACHAU DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
431	70084A	0.4 ZACHAU DEBRIS BASIN (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
432	70084A	0.4 ZACHAU DEBRIS BASIN (UPPER)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
433	70085A	0.1 WARD DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
434	70091	0.3 CHILDS DEBRIS BASIN (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
435	70091	0.3 ELMWOOD DEBRIS BASIN (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
436	70092	0.3 ELMWOOD DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
437	70092	0.3 ELMWOOD DEBRIS BASIN (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
438	70093	0.4 ENGLEWILD DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
439	70093	0.4 ENGLEWILD DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
440	70094	0.4 HARRON DEBRIS BASIN (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
441	70095	0.2 HOOK EAST DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
442	70096	0.2 KINNELOA DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
443	70096	0.2 KINNELOA DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
444	70097	0.2 KINNELOA-WEST DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
445	70097	0.2 KINNELOA-WEST DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
446	70098	3.3 LITTLE DALTON DEBRIS DAM	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
447	70098	3.3 LITTLE DALTON DEBRIS DAM	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
448	70099	0.6 MORGAN DEBRIS BASIN (REVISED)	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
449	70099	0.6 MORGAN DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0
450	70101	0.3 SCHOOL HOUSE DEBRIS BASIN	1968	0 06CA LOS ANGELES	LAND GRANT	340923 1175901	0

RESERVOIR DRAINAGE AREAS LESS THAN 5 SQUARE MILES

SEC	DATA	DRAIN	RESERVOIR	DATE	STATE	COUNTY	LAT	LONG	
RC.	SHEET	AREA	NAME	BEGAN	FIPS	NAME	DEG	DEG	
451	70101	0.3	SCHOOLHOUSE DEBRIS BASIN		0 06CA	LOS ANGELES	341945	102750	
452	70102	0.7	SUNSET DEBRIS BASIN (FLOWER)		0 06CA	LOS ANGELES	341210	1101705	
453	70102	0.7	SUNSET DEBRIS BASIN (FLOWER)		0 06CA	LOS ANGELES	341045	1100110	
454	70103	1.7	SANTA ANITA DEBRIS BASIN		0 06CA	LOS ANGELES	341045	1100110	
455	70103	1.7	SANTA ANITA DEBRIS BASIN		0 06CA	LOS ANGELES	342010	1102445	
456	70104	2.6	WILSON DEBRIS BASIN		0 06CA	LOS ANGELES	342010	1102445	
457	70104	2.6	WILSON DEBRIS BASIN		0 06CA	LOS ANGELES	342211	1103201	
458	70105	0.7	WILDWOOD DEBRIS BASIN		0 06CA	LOS ANGELES	342211	1103201	
455	70105	0.7	WILDWOOD DEBRIS BASIN (REVISED)		0 06CA	LOS ANGELES	341332	1101223	
460	70106	0.2	MINERY DEBRIS BASIN		0 06CA	MENDOCINO	0	1234300	
461	72026A	1.6	CASPAR CREEK SOUTH FORK	19620000	06CA	MENDOCINO	34022	1234300	
462	72027A	1.9	CASPAR CREEK NORTH FORK	195620000	06CA	MENDOCINO	34033	1234600	
463	72028	0.1	MC GUIRE	195400000	06CA	MENDOCINO	34033	1234600	
464	72028	0.1	MC GUIRE	195400000	06CA	MENDOCINO	34035	1232900	
465	72029	0.7	LAZY CREEK	19550800	06CA	MENDOCINO	34035	1232900	
466	72029	0.7	LAZY CREEK	19550800	06CA	MENDOCINO	34035	1232900	
467	72030	0.2	APPLETON	195500000	06CA	SONOMA	34020	120210	
468	72030	0.2	APPLETON	195500000	06CA	MENDOCINO	34020	120210	
469	72031	0.3	H.S. WILSON	195500000	06CA	MENDOCINO	34028	12224300	
470	72031	0.3	H.S. WILSON	1956506068	060R	DOUGLAS	34028	1222500	
471	73002	0.3	COYOTE CREEK	1	196506068	060R	DOUGLAS	430100	1224300
472	73002	0.3	COYOTE CREEK	1	196506068	410R	DOUGLAS	430100	1224300
473	73003	0.3	COYOTE CREEK	2	196506068	410R	DOUGLAS	430100	1224300
474	73003	0.3	COYOTE CREEK	2	196506068	410R	DOUGLAS	430100	1224300
475	73004	0.2	COYOTE CREEK	3	196506068	410R	DOUGLAS	430100	1224300
476	73004	0.2	COYOTE CREEK	3	196506068	410R	DOUGLAS	430100	1224300
477	73005	0.2	COYOTE CREEK	4	196506068	410R	DOUGLAS	430100	1224300
478	73005	0.2	COYOTE CREEK	4	196506068	410R	DOUGLAS	430100	1224300
479	74018	0.4	H. J. ANDREWS	1	19650800	410R	LANE	430100	1224300
480	74018	0.4	H. J. ANDREWS	1	19650800	410R	LANE	430100	1224300
481	74019	0.2	H. J. ANDREWS	2	19650800	410R	LANE	430100	1224300
482	74019	0.2	H. J. ANDREWS	2	19650800	410R	LANE	430100	1224300
483	74020	0.4	H. J. ANDREWS	3	19651200	410R	LANE	430100	1224300
484	74020	0.4	H. J. ANDREWS	3	19651200	410R	LANE	430100	1224300
485	75000	0.6	DRAINAGE IMPROVEMENT DISTRICT NO. 1	196900000	53WA	YAKIMA	34024	1209500	
486	75007	1.0	FOX CREEK	1	19600000	53WA	CHELAN	34020	1202800
487	75008	2.2	BURNS	1	15590000	05WA	CHELAN	34018	1202800
488	75009	2.0	MCCRERE	1	15670496	53WA	KING	34028	1202800
489	75010	0.5	CRABTREE	1	15570688	53WA	LINCOLN	34031	1202800
490	75011	1.2	LLEMELYN	1	15690000	53WA	GRANT	34006	1202800
491	75012	4.1	SCHNISOW	1	15590496	53WA	ADAMS	34018	1101200
492	75013	0.7	REX LYLE	1	15590592	53WA	ADAMS	34010	1102200
493	75014	0.3	SCHOESLER	1	15700096	53WA	GRANT	34018	1102200
494	75015	0.1	JOHN LAND (FU 90, BLK. 01)	1	15580000	53WA	GRANT	34014	1102200
495	75016	0.4	SHAFFER	1	15690000	53WA	GRANT	34013	1102200
496	75017	0.2	SUN SPICED NO. 1	2	15690592	53WA	GRANT	34016	1102200
497	75019	4.8	SHEFFELS	1	19630400	53WA	LINCOLN	34027	1100000
498	75020	2.3	TELEYKV	1	15660000	53WA	LINCOLN	34027	1100000
500	75021	0.1	TERMILLIGER (FU 213, BLK. 1)	1	15680400	53WA	GRANT	34027	1100000

RESERVOIR DRAINAGE AREAS LESS THAN 5 SQUARE MILES

SEC	DATA	DRAIN RESERVOIR	STATE	STATE COUNTY	DATE BEGAN	FIPS NAME	LOCATION IN COUNTY	LAT DEG	LONG DEG
NC.	SHEET AREA NAME								
501	75022	4.1 ROBY	193800000	53WA LINCOLN	S-006	T-26N, R-34E	474500 1194400		
5C2	76001	1.2 BAUER RESERVOIR	194800000	53WA ADAMS	S-023	T-15N, R-34E	470500 1174000		
503	76003	1.1 DECHENNE	157208896	53WA WHITMAN	S-029	T-19N, R-41E	470600 1173900		
504	76004	0.2 KOCH	15660992	53WA SPOKANE	S-009	T-22N, R-45E	472400 1170800		
505	76006	0.5 SNYDER	154900000	53WA ADAMS	S-034	T-19N, R-35E	470500 1182442		
5C6	76007	0.5 SULLIVAN	15660992	53WA SPOKANE	S-002	T-22N, R-42N	472600 1170900		
507	78016	0.1 K-1 CREEK SEDIMENT DAM	156650816	16ID VALLEY				442100	1154700
508	78018	0.4 CABIN CREEK SEDIMENT DAM	15641008	16ID VALLEY	S-030	T-12N, R-06E	442050 1154548		
509	78019	0.4 DITCH CREEK SEDIMENT DAM	15650896	16ID VALLEY	S-019	T-12N, R-06E	442100 1154700		
510	78020	0.8 C CREEK SEDIMENT DAM	15650800	16ID VALLEY	S-017	T-12N, R-06E	442200 1154700		
511	78021	0.5 D CREEK SEDIMENT DAM	15640928	16ID VALLEY	S-017	T-12N, R-06E	442200 1154700		
512	78022	0.5 EGGER'S CREEK SEDIMENT DAM	15650800	16ID VALLEY	S-017	T-12N, R-06E	442200 1154700		
513	79004	0.8 TAILHOLT A CREEK SEDIMENT DAM	15670816	16ID VALLEY	S-023	T-20N, R-06E	450300 1194100		
514	79005	0.6 TAILHOLT B CREEK SEDIMENT DAM	0	16ID VALLEY	S-023	T-20N, R-06E	450300 1194100		
515	79006	0.6 TAILHOLT C SEDIMENT DAM	15670816	16ID VALLEY	S-023	T-20N, R-06E	450300 1194100		
516	79007	2.5 TAILHOLT MAIN SEDIMENT DAM	15660912	16ID VALLEY				450250 1154050	
517	79008	1.5 CIRCLE ENO CREEK SEDIMENT DAM	15620608	16ID VALLEY	S-025	T-20N, R-06E	450250 11540		
518	79009	1.6 INDIAN FORK	15250000	16ID BONNEVILLE	S-014	T-11N, R-41E	4322513 1113511		