

ATLAS PROGRESS THROUGH 1988

THERE ARE A TOTAL OF 861 BLOCKS

82 ARE COMPLETE

245 HAVE GREATER THAN 30 SPECIES OR 5 HOURS

94 HAVE LESS THAN 30 SPECIES OR 5 HOURS

440 ARE NOT STARTED

THERE ARE 341 PRIORITY BLOCKS:

57 ARE COMPLETE

128 HAVE GREATER THAN 30 SPECIES OR 5 HOURS

33 HAVE LESS THAN 30 SPECIES OR 5 HOURS

123 ARE NOT STARTED

TEN MOST FREQUENTLY FOUND BIRDS IN BREEDING BLOCKS

<u>BIRD</u>	<u>#BLOCKS</u>	<u>PERCENTAGE</u>
RED-WINGED BLACKBIRD	390	92.6
AMERICAN ROBIN	386	91.7
HOUSE SPARROW	377	89.5
BARN SWALLOW	368	87.4
MOURNING DOVE	366	86.9
HOUSE WREN	358	85.0
COMMOM GRACKLE	353	83.8
DICKCISSEL	351	83.4
BROWN-HEADED COWBIRD	350	83.1
EASTERN KINGBIRD	349	82.9

BIRDS SEEN IN LESS THAN TEN PERCENT OF BREEDING BLOCKS

NOT COUNTING BIRDS WHICH REQUIRE FULL OR SPECIAL SIGHTING REPORTS

<u>BIRD</u>	<u>#BLOCKS</u>	<u>PERCENTAGE</u>
VIRGINIA RAIL	10	2.4
LEAST BITTERN	13	3.1
PROTHONOTORY WARBLER	15	3.6
REDHEAD	15	3.6
NORTHERN SHOVELER	16	3.8
RUFFED GROUSE	18	4.3
RUDDY DUCK	20	4.8
GREEN-WINGED TEAL	22	5.2
SORA	22	5.2
YELLOW-BELLIED SAPSUCKER	24	5.7
NORTHERN MOCKINGBIRD	29	6.9
BLUE GROSBEAK	33	7.8
ACADIAN FLYCATCHER	34	8.1
KENTUCKY WARBLER	35	8.3
PILEATED WOODPECKER	38	9.0
MARSH WREN	41	9.7

BREEDING BIRD NUMBERS

**** WE HAVE DOCUMENTED THE OCCURRENCE OF 203 SPECIES ****

27 SPECIES REQUIRE SPECIAL SIGHTINGS REPORT

WE HAVE SOME LEVEL OF OBSERVATION ON ALL OF THESE

WE HAVE PROBABLE OR CONFIRMED BREEDING ON 21 OF THESE

43 SPECIES REQUIRE FULL DOCUMENTATION

WE HAVE SOME LEVEL OF OBSERVATION ON 40/43 OF THESE

WE HAVE PROBABLE OR CONFIRMED BREEDING ON 18 OF THESE

IN ADDITION, WE HAVE RECEIVED REPORTS ON 22 SPECIES NOT LISTED ON THE ATLAS CARD

BREEDING CODE CATEGORIES

AS OF THE END OF 1988, WE HAD A TOTAL OF 18,998 OBSERVATIONS
IN ALL BREEDING CATEGORIES FOR 181 SPECIES

7.6% WERE OBSERVED

34.6% WERE POSSIBLE

29.2% WERE PROBABLE

28.6% WERE CONFIRMED

FREQUENCY OF USE OF BREEDING CODES

X	LESS THAN 7 SINGING MALES	18.8
H	SPECIES IN SUITABLE NESTING HABITAT	15.8
P	PAIR	15.1
AY	ATTENDING YOUNG	8.4
O	OBSERVED	7.6
T	TERRITORY	6.8
FL	FLEDGLINGS	5.8
ON	OCCUPIED NEST	5.7
M	MULTIPLE MALES	2.9
NE	NEST WITH EGGS	2.8
NY	NEST WITH YOUNG	2.5
A	AGITATED BEHAVIOR	2.3
NB	NEST BUILDING	1.7
C	COURTSHIP BEHAVIOR	1.1
UN	USED NEST	1.0
N	VISITING PROBABLE NEST SITE	0.7
DD	DISTRACTION DISPLAY	0.7
B	NEST BUILDING BY WOODPECKERS OR WRENS	0.2
PE	PHYSIOLOGICAL EVIDENCE	0.1

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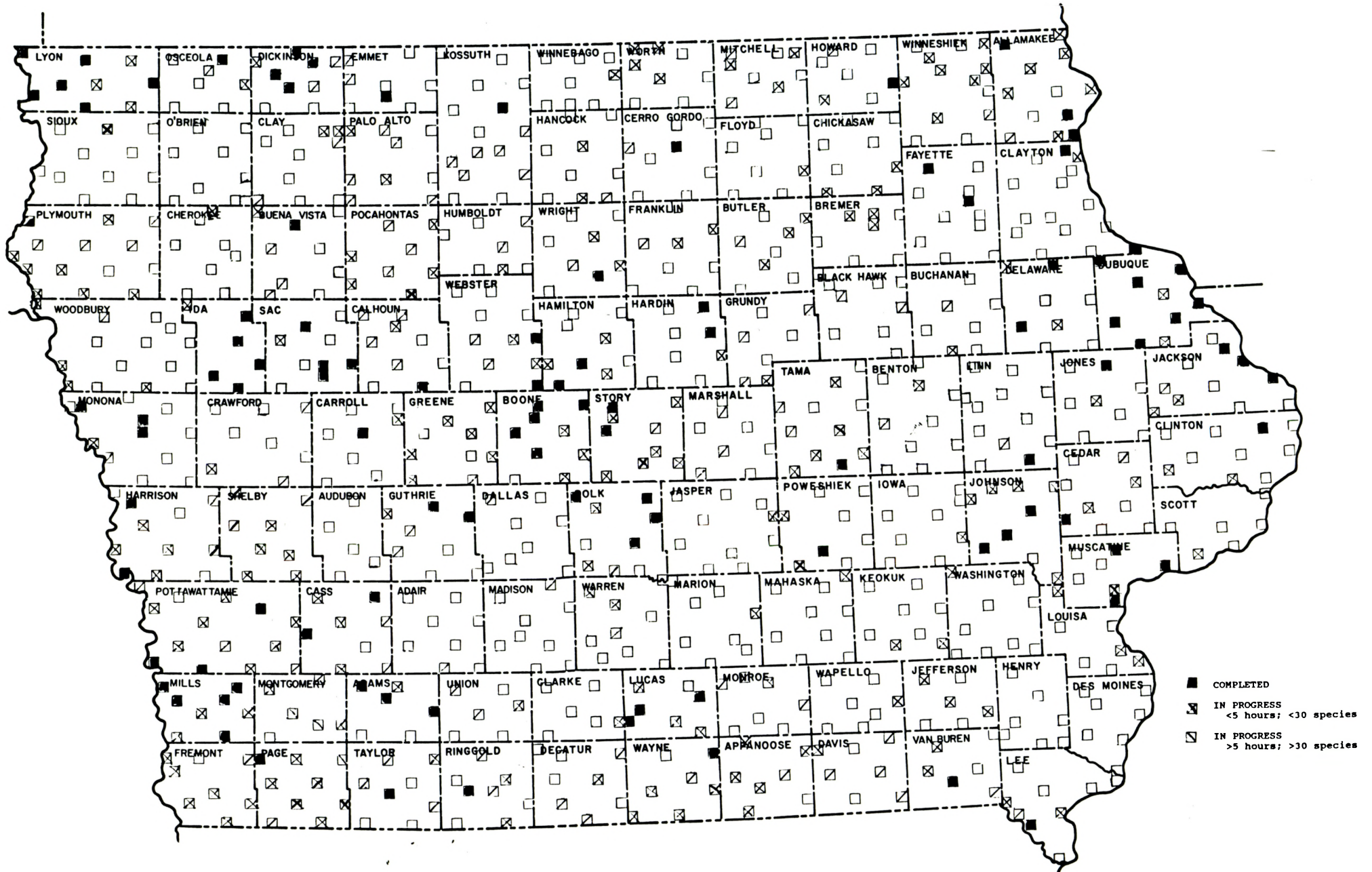
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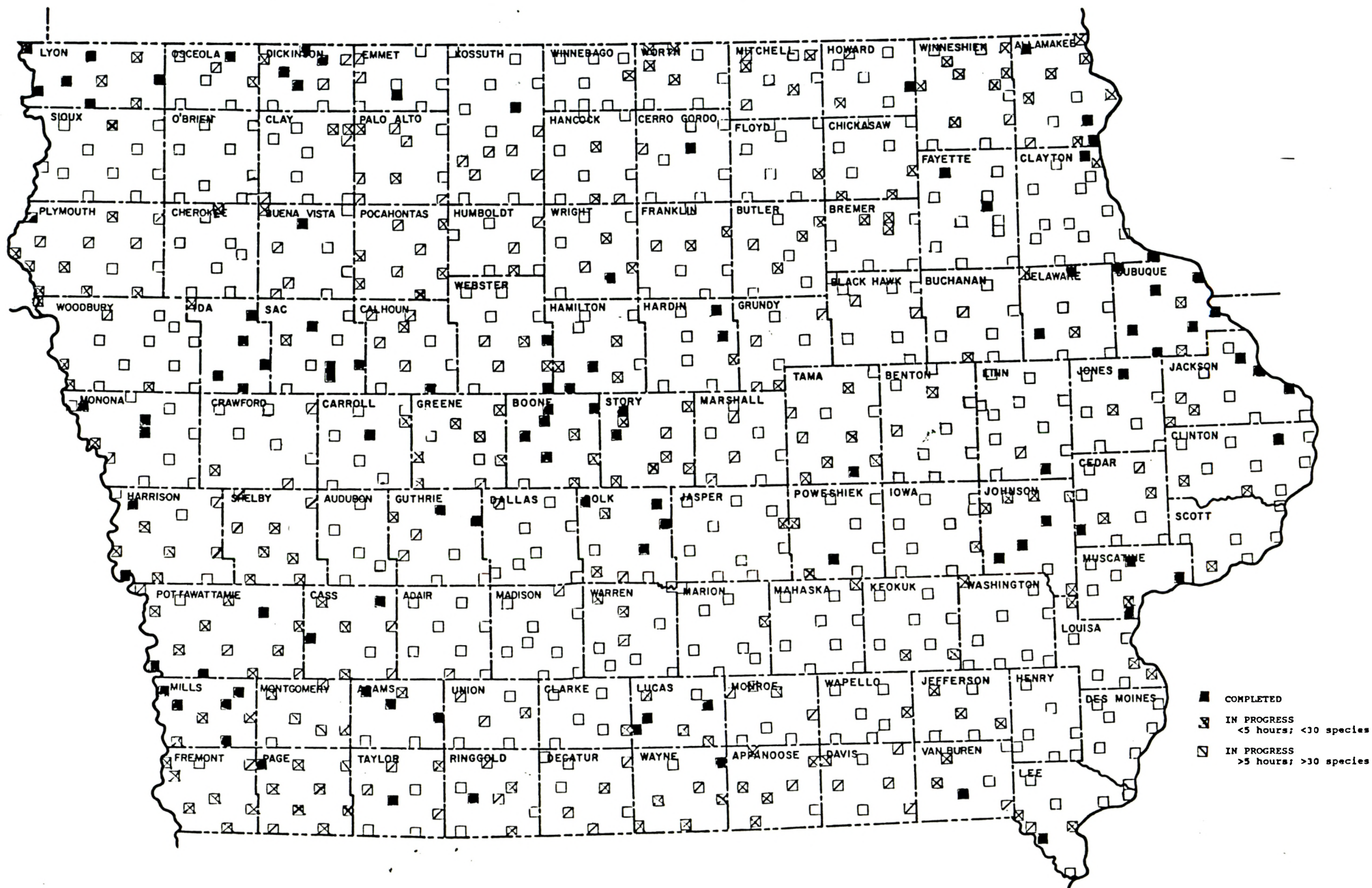
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123 ARE NOT STARTED

BREEDING BIRD ATLAS STATUS, 1988



BREEDING BIRD ATLAS STATUS, 1988



BLOCK	COUNTY	HOURS	Done	SPCOUNT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	0	PO	PR	CO
001	60	84.5	y	89	15	11	3	23	1	0	2	1	0	0	3	0	1	0	3	4	15	3	1	15	14	27	30
002	60	25	y	57	9	6	1	1	22	0	0	0	0	0	3	0	0	1	14	0	0	0	0	9	7	23	18
003	60	19	n	62	18	1	3	23	1	1	1	0	0	0	0	0	1	0	5	4	2	2	0	18	4	26	14
005	72	2.5	y	83	14	13	9	7	0	0	1	4	1	3	2	0	2	1	7	7	1	9	2	14	22	16	31
006	30	8	n	42	2	12	8	3	0	1	0	1	0	0	0	0	0	2	5	3	3	2	0	2	20	5	15
007	30	43	y	65	15	5	17	0	5	1	0	2	1	0	0	0	0	0	8	0	3	6	2	15	22	9	19
008	30	43.5	y	62	10	23	9	4	4	2	0	0	0	0	1	0	0	0	8	0	1	0	0	10	32	10	10
009	30	1	n	28	1	11	6	4	0	0	0	0	0	0	1	0	0	0	2	1	1	1	0	1	17	5	5
010	32	0.5	n	17	0	11	3	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	14	3	0
017	98	2	n	49	1	6	19	7	0	0	0	1	0	0	2	0	0	0	4	1	8	0	0	1	25	8	15
018	98	5.5	n	47	6	5	15	9	3	0	0	0	0	0	0	0	1	1	1	1	5	0	0	6	20	12	9
020	55	3.5	n	17	1	4	0	0	0	0	0	0	0	1	0	0	0	0	10	0	1	0	0	1	4	1	11
022	66	1	n	41	1	6	18	6	0	0	0	1	0	0	0	0	0	0	0	3	6	0	0	1	24	7	9
023	45	1.5	n	7	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	3
027	96	8	n	62	0	7	4	22	0	1	0	0	0	0	0	0	0	0	1	6	20	0	1	0	11	23	28
028	32	24.5	y	86	9	10	12	14	0	0	0	7	0	0	3	0	0	0	7	9	15	0	0	9	22	21	34
029	3	5	n	59	0	1	7	10	17	1	0	3	0	0	0	0	0	0	2	13	3	0	0	0	8	31	20
030	60	30.5	y	46	9	8	7	10	0	0	2	1	0	0	1	0	0	0	0	6	0	2	0	9	15	13	9
031	60	12	n	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	16	0	0	2
032	60	41.5	y	50	5	3	0	4	12	0	0	7	0	0	0	0	1	0	3	3	2	7	3	5	3	23	19
034	72	0.3	n	16	0	6	6	0	0	0	0	1	0	2	0	0	0	0	0	0	1	0	0	0	12	3	1
035	72	21	n	45	6	13	7	4	0	0	1	0	0	0	1	0	0	0	3	4	4	1	1	6	20	5	14
036	30	42.5	y	64	4	22	0	11	1	4	0	1	0	0	4	0	0	0	9	1	1	4	2	4	22	17	21
037	30	25.5	y	65	4	19	1	8	0	4	1	0	0	5	1	3	0	0	0	3	7	3	6	4	20	18	23
038	30	2.5	n	21	2	0	6	2	1	1	0	0	0	0	0	0	0	0	2	1	1	5	0	2	6	4	9
039	32	0.5	n	8	0	1	5	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	6	2	0
045	95	20.5	n	58	0	8	9	6	0	0	3	2	2	0	2	0	0	0	8	4	3	5	6	0	17	13	28
046	98	12	n	57	3	7	21	10	0	1	0	0	0	0	1	0	0	0	1	5	4	2	2	3	28	11	15
047	98	3.5	n	45	5	8	10	5	0	0	0	3	1	1	0	0	0	0	3	2	4	0	3	5	18	10	12
049	66	4	n	33	0	4	16	6	0	0	0	2	1	0	0	0	0	0	2	0	1	0	1	0	20	9	4
054	96	1	n	44	0	3	2	12	2	1	0	3	0	0	0	0	0	0	1	7	12	0	1	0	5	18	21
055	96	3	n	56	0	2	0	4	24	0	0	2	0	0	2	0	0	0	1	6	11	4	0	0	2	30	24
056	96	4.5	n	53	0	3	4	11	9	1	0	1	0	0	0	0	0	0	1	3	19	0	0	0	7	22	23
057	3	4	n	70	5	2	10	23	0	0	1	3	0	0	1	0	0	0	3	6	12	4	0	5	12	27	26
058	3	3	n	31	0	1	2	10	0	0	0	0	0	0	0	0	0	0	0	5	13	0	0	0	3	10	18
059	60	28.25	n	43	21	4	0	6	1	1	1	0	0	0	1	0	0	0	6	1	0	0	0	21	4	9	8
060	60	43	y	68	3	13	2	3	7	0	0	0	0	0	1	0	0	0	22	5	12	0	0	3	15	10	40
061	60	8	n	30	7	2	7	1	5	0	2	2	0	0	1	0	0	0	0	1	1	1	0	7	9	10	4
067	32	16.5	y	54	7	0	12	4	0	1	0	0	0	0	1	0	1	0	13	3	5	1	6	7	12	5	30
070	55	25	y	107	19	17	8	5	6	3	0	2	1	0	2	0	0	0	2	7	6	20	9	19	25	17	46
076	66	2	n	24	1	6	9	3	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	1	15	3	4
077	66	36.5	y	69	6	6	25	4	0	0	0	7	1	0	1	0	2	0	2	4	5	3	2	6	31	12	19
078	45	1	n	39	0	4	5	13	1	1	0	0	0	0	0	0	1	0	4	2	5	1	0	0	9	15	13
080	45	30	y	44	14	5	5	6	0	1	0	3	0	0	1	0	0	0	0	4	2	1	2	14	10	10	10
081	96	2	n	37	0	15	0	8	1	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	15	9	13
083	96	2	n	37	0	3	2	12	2	2	0	0	0	0	2	0	0	0	3	8	11	1	0	0	5	16	25
084	3	1	n	31	0	2	11	14	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	13	15	3
086	3	3.5	n	52	0	6	3	13	2	1	0	1	0	0	1	0	0	0	0	4	18	0	3	0	9	17	26
088	84	10	n	32	7	0	8	3	3	0	0	0	0	0	1	0	1	0	1	5	0	2	0	7	8	6	11
093	21	3	n	40	0	11	13	3	0	2	0	2	0	3	0	0	0	0	2	3	1	0	0	0	24	10	6
094	21	10.5	n	64	7	16	14	4	3	0	0	1	0	4	0	0	0	1	2	4	4	3	0	7	30	12	14
095	74	2.5	n	44	5	6	17	8	1	0	0	0	0	4	0	0	0	0	1	0	2	0	0	5	23	13	3
096	74	1	n	11	4	1	4	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	5	1	1
099	55	0.75	n	21	0	5	7	3	0	1	0	0	0	3	0	0	0	0	2	0	0	0	0	0	12	7	2
108	96	13.5	n	65	7	8	4	5	0	0	2	3	0	0	2	0	0	0	4	4	5	5	15	7	12	10	35
109	96	2.25	n	19	5	8	3	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	5	11	1	2
111	3	20.5	y	85	1	4	3	8	13	1	0	0	0	0	2	0	0	0	1	9	40	0	3	1	7	22	55
118	21	0.5	n	22	0	6	9	1	0	1	0	0	0	3	0	0	0	0	2	0	0	0	0	0	15	5	2
119	74	1	n	14	7	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	3	0	0	7	2	2	3
120	55	0.25	n	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	1	1
121	55	0.5	n	13	0	3	5	2	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	8	2	3
123	41	3	n	50	1	13	14	2	0	0	0	0	0	6	0	0	0	2	7	1	2	2	0	1	27	8	14
124	17	1	n	15	0	12	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	14	1	0
125	17	27	y	47	4	7	4	2	0	1	0	0	0	0	1	0	1	0	10	1	14	0	1	4	11	3	28

290	28	25 Y	73	7	12	18	10	2	2	0	0	0	0	0	0	0	1	0	19	0	2	7	30	14	22	
291	31	25.5 y	79	1	3	9	16	9	2	2	2	0	0	3	0	0	6	7	18	1	2	1	12	29	37	
292	31	33 y	76	12	7	5	10	9	2	1	5	0	0	2	0	0	5	7	8	1	0	12	12	27	23	
293	97	6.5 n	58	1	10	20	7	0	1	0	0	0	10	0	0	0	1	3	2	2	0	1	30	18	8	
294	97	1 n	26	1	5	6	5	0	0	0	2	0	0	0	0	0	0	2	5	0	0	1	11	7	0	
296	47	16 n	44	2	10	13	15	.0	2	0	2	0	0	0	0	0	0	0	0	0	0	2	23	19	0	
297	47	25 y	34	13	5	6	6	0	0	0	2	0	0	1	0	0	1	0	0	0	0	13	11	8	2	
299	13	1 n	25	2	2	5	1	1	1	0	0	0	6	0	0	0	4	1	1	1	0	2	7	9	7	
300	13	0.75 n	29	2	1	11	5	0	0	0	0	2	1	0	0	0	3	1	3	0	0	2	12	7	8	
306	42	25 y	71	11	11	24	11	1	0	0	4	0	0	1	0	1	0	3	3	1	0	11	35	16	9	
308	38	0.5 n	15	0	4	3	0	0	1	0	0	0	3	0	0	0	1	3	0	0	0	0	7	4	4	
309	7	1 N	10	0	3	0	0	0	0	0	0	0	1	0	0	0	3	3	0	0	0	0	3	1	6	
310	7	1 n	27	0	0	4	15	0	0	0	0	0	2	0	0	0	3	1	2	0	0	0	4	17	6	
311	10	10.5 n	20	0	0	7	8	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	7	8	5	
315	31	25 y	63	4	2	7	8	14	2	1	3	0	0	1	0	0	0	1	5	15	4	9	28	22		
316	31	23.5 n	56	22	5	0	14	1	1	2	0	1	0	0	0	1	0	0	7	0	2	22	5	19	10	
321	47	25 y	39	0	15	12	4	0	2	0	1	0	0	0	0	0	0	3	0	0	2	0	27	7	5	
323	81	19 y	31	6	3	0	11	0	0	0	0	0	0	0	0	0	1	1	8	0	1	6	3	11	11	
325	13	1 n	28	0	2	10	4	0	1	0	0	0	5	0	0	0	3	1	2	0	0	0	12	10	6	
326	13	4.15 n	56	1	9	14	9	1	1	0	1	0	5	0	0	0	0	11	0	4	0	1	23	17	15	
328	94	1 n	25	0	6	9	5	0	0	0	2	0	1	1	0	0	0	0	1	0	0	0	15	8	2	
329	94	10.5 n	64	4	1	16	15	1	0	0	2	0	4	0	0	0	1	3	2	6	5	4	17	22	19	
330	94	20.75 y	82	9	3	22	15	4	0	0	4	0	0	2	0	0	1	4	4	6	5	9	25	23	24	
332	40	0.33 n	14	0	3	6	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	9	0	5	
334	42	21.5 y	67	3	1	14	8	9	0	0	2	0	5	0	1	0	7	4	11	0	2	3	15	19	30	
335	38	0.25 n	9	0	3	4	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	7	1	1	
342	28	22 n	62	20	12	0	19	0	1	0	3	0	0	0	0	1	0	3	0	3	0	20	12	23	7	
343	31	25 y	55	5	5	12	16	0	0	1	2	0	0	0	0	1	0	0	5	8	0	5	17	19	14	
344	31	27 y	70	8	0	6	4	2	0	0	1	0	0	0	0	1	0	38	1	6	0	8	6	7	49	
345	31	34 y	66	10	2	6	11	6	0	2	8	0	3	0	0	2	4	3	8	0	1	10	8	27	21	
346	97	8.5 n	66	8	11	11	13	3	0	1	2	0	3	0	0	0	4	6	1	2	1	8	22	22	14	
349	47	25 y	39	2	8	8	14	0	4	0	0	0	0	0	0	0	1	1	1	0	0	2	16	18	3	
351	81	26 y	60	5	12	15	3	5	1	0	1	0	0	0	0	0	4	4	5	1	4	5	27	10	18	
352	81	26 y	48	3	6	0	15	0	0	0	1	0	0	0	0	0	1	10	2	8	0	3	6	16	23	
353	13	0.5 n	12	1	5	2	1	0	0	0	0	0	1	0	0	0	2	0	0	0	0	1	7	2	2	
355	94	0.5 n	21	0	6	5	6	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	11	10	0	
356	94	2 n	51	1	9	12	10	1	0	0	0	0	2	2	0	0	3	3	4	1	3	1	21	13	16	
357	40	23.75 n	63	6	6	12	14	2	0	0	5	0	0	0	0	0	1	4	2	1	5	6	18	21	18	
358	40	17 Y	67	0	16	5	15	0	1	0	0	0	4	3	0	0	2	6	5	2	5	0	21	20	26	
361	42	22.5 n	56	2	6	6	7	8	0	0	0	0	0	0	0	0	1	3	6	12	5	2	12	15	27	
365	10	11 n	37	0	0	23	0	0	0	0	0	0	0	6	0	0	0	4	0	0	4	0	23	0	14	
369	31	43 y	62	6	0	8	15	2	0	2	3	0	0	0	0	1	0	1	3	4	0	6	8	22	26	
370	31	23 n	69	9	3	11	17	3	1	1	0	0	3	0	0	1	0	0	2	12	0	9	14	22	20	
372	97	2 n	42	3	8	18	6	0	0	0	1	0	3	1	0	0	0	0	2	0	0	3	26	10	3	
374	97	4 n	36	3	5	9	11	2	0	0	4	0	0	0	0	0	1	1	0	0	0	3	14	17	2	
376	47	47 y	48	9	11	13	4	0	6	0	0	0	0	1	0	0	0	0	2	0	1	1	9	24	10	5
377	47	25 y	35	1	13	11	0	0	2	0	3	0	0	1	0	0	0	3	1	0	0	1	24	5	5	
379	81	28 y	61	10	8	6	13	0	0	0	5	0	0	0	0	2	0	4	1	11	0	10	14	18	19	
381	13	28.5 y	52	6	12	9	7	0	1	1	0	0	4	0	0	0	0	4	4	1	2	6	21	13	12	
383	94	3.5 y	76	2	9	13	16	5	0	0	4	0	5	2	0	0	3	4	7	4	2	2	22	30	22	
384	40	23 Y	83	1	16	7	15	1	3	1	1	0	7	0	0	0	8	10	6	1	6	1	23	28	31	
384	40	0.25 n	16	3	0	4	3	0	0	0	1	0	0	0	0	0	1	0	4	0	0	3	4	4	5	
385	40	1.25 n	31	0	8	16	3	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	24	4	3	
388	38	0.1 n	3	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	
389	38	9 N	40	2	25	0	3	1	1	0	0	1	0	0	1	0	0	0	2	2	2	2	25	6	7	
390	86	2.5 n	33	0	1	15	3	0	0	0	0	0	2	4	0	0	0	1	5	2	0	0	16	5	12	
397	53	26.5 Y	72	2	3	15	14	8	0	1	6	0	0	4	0	0	5	2	10	1	1	3	18	29	23	
399	49	25 y	70	3	5	7	19	3	0	0	2	0	0	2	0	1	0	4	5	18	1	3	12	24	31	
400	49	10.5 y	77	5	6	16	14	1	2	0	4	0	0	0	0	0	11	7	8	3	0	5	22	21	29	
402	67	9 y	88	10	9	10	24	0	1	0	1	0	3	0	0	0	6	2	6	13	3	10	19	29	30	
407	24	1 n	20	0	10	8	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	18	2	0	
410	37	3 n	38	0	5	7	7	0	0	0	1	0	3	0	0	0	4	5	5	1	0	0	12	11	15	
411	8	28.5 Y	88	0	10	14	29	0	0	0	1	0	6	0	0	0	1	8	13	4	1	0	24	36	28	
412	8	22 y	77	2	2	2	16	1	0	0	4	0	10	3	0	0	1	13	9	8	4	2	2	4	31	40
413	85	25 y	73	5	2	13	6	14	0	0	2	0	0	2	0	0	1	5	5	7	10	1	5	15	22	31
414	85	1 n	38	1	5	7	9	0	0	0	0	0	5	0	0	0	0	3	6	0	2	1	12	14	11	

416	86	2	n	27	11	2	4	2	0	0	0	0	0	0	0	2	3	1	1	0	1	11	6	2	8		
419	6	1.5	n	38	2	9	6	11	1	0	0	3	0	1	0	0	1	1	3	0	0	2	15	16	5		
198	198	197	198	198	781	1203	1515	1480	352	100	46	221	18	202	144	4	29	63	556	515	831	249	235	781	2718	2419	2626

BLOCK COUNTY HOURS Done SPCOUNT

					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	0	PO	PR	CO
425	49	0.5	n	20	0	2	4	5	0	1	0	2	0	0	0	0	0	0	2	4	0	0	0	6	8	6	
427	49	39	y	87	9	3	13	20	3	2	2	2	0	0	9	1	0	0	2	3	10	4	4	9	16	29	33
428	67	17	y	81	14	9	20	7	0	0	0	3	0	0	2	0	1	2	1	10	5	4	3	14	29	10	28
429	67	12.75	y	53	1	13	10	13	0	0	1	1	0	3	0	0	0	0	1	4	2	1	3	1	23	18	11
433	14	25	y	49	16	4	3	3	7	0	2	0	0	0	0	0	1	2	2	3	6	0	16	7	12	14	
434	14	24	n	51	16	1	4	11	2	3	2	2	0	0	2	0	0	0	0	1	6	0	1	16	5	20	10
436	37	4.5	n	52	1	10	14	9	1	1	0	1	1	4	1	0	0	1	1	2	3	2	0	1	24	17	10
437	37	1	n	33	0	11	10	3	0	0	0	0	1	1	0	0	0	1	0	3	2	0	1	0	21	5	7
438	8	10	y	50	0	5	8	6	0	0	0	0	0	3	2	0	0	5	9	6	3	1	2	0	13	9	28
439	8	30.25	y	67	7	7	10	12	8	1	0	1	0	0	2	0	0	0	4	5	6	1	3	7	17	22	21
440	8	6.5	n	59	2	10	6	14	9	0	1	0	1	1	1	0	1	0	2	3	7	0	1	2	16	26	15
441	85	35	y	74	2	4	2	5	7	0	3	1	0	0	3	0	0	1	3	4	15	6	17	2	6	16	49
442	85		n	53	8	8	1	9	8	0	0	1	1	0	4	0	0	1	2	6	2	0	2	8	9	19	17
443	85	3.5	n	30	1	0	10	6	0	0	0	0	0	0	2	0	0	0	1	3	2	4	1	1	10	6	13
445	85	0.5	n	17	0	3	10	0	0	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	13	2	2
447	86	3	n	26	24	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	24	0	1	1
448	86	2.5	n	39	4	3	15	5	0	1	0	0	0	2	1	0	0	0	0	1	4	2	1	4	18	8	9
449	6	0.5	n	22	1	4	4	7	0	0	0	0	0	1	0	0	0	0	2	2	1	0	0	1	8	8	5
454	53	1	n	34	1	6	12	5	2	0	0	0	0	0	0	0	1	2	3	1	0	1	1	1	18	7	8
456	49	1.5	n	54	0	7	9	12	2	1	0	1	0	0	1	0	0	0	3	8	8	1	1	0	16	16	22
457	49	6.5	n	58	0	4	18	13	2	1	0	1	0	0	0	0	0	1	4	7	5	0	2	0	22	17	19
460	67	6.5	n	68	4	23	16	5	0	1	0	0	0	4	0	0	0	0	1	4	8	2	0	4	39	10	15
461	67	1	n	23	2	14	0	2	0	2	0	1	0	0	0	0	0	0	1	0	1	0	0	2	14	5	2
466	37	5	n	56	1	17	15	7	0	0	0	2	0	2	2	0	0	0	4	3	2	1	0	1	32	11	12
468	37	10.5	n	55	7	7	10	8	0	0	0	1	0	6	0	0	0	2	3	2	2	6	1	7	17	15	16
469	8	28	y	105	5	6	7	9	19	0	1	1	0	6	3	0	0	0	7	6	7	16	12	5	13	36	51
470	8	11	n	44	4	5	9	4	5	0	1	1	0	4	1	0	0	0	2	1	3	3	1	4	14	15	11
471	85	8	n	55	2	5	13	8	2	1	1	0	0	0	0	0	0	0	6	6	3	2	6	2	18	12	23
472	64	2	n	21	0	0	12	5	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	12	6	3
474	86	10	n	47	0	9	9	15	2	2	0	0	0	0	0	0	1	0	4	2	1	0	2	0	18	19	10
475	86	9.5	n	56	3	14	13	8	0	0	0	0	0	3	0	0	2	0	1	3	2	5	2	3	27	11	15
479	57	1.5	n	20	5	0	4	2	2	0	1	3	0	0	0	0	2	0	1	0	0	0	0	5	4	8	3
485	23	9	y	76	1	8	6	18	18	3	2	2	0	0	0	0	3	0	7	2	6	0	0	1	14	43	18
489	24	2	n	31	0	7	14	0	0	0	0	0	1	0	1	0	1	2	1	1	1	1	1	0	21	1	9
490	24	4	n	21	0	8	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	0
493	37	1	n	39	1	15	4	7	0	0	0	0	0	4	0	0	0	0	2	4	0	1	1	1	19	11	8
494	37	0.5	n	25	0	8	11	2	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	19	5	1
496	8	19.6	n	70	3	3	23	7	2	2	1	4	0	2	4	0	0	1	2	9	1	3	3	3	26	18	23
497	85	2.25	n	38	0	7	16	2	1	0	0	2	0	4	1	0	0	0	3	0	2	0	0	0	23	9	6
498	85	21	n	51	5	8	11	8	2	1	0	7	0	0	0	0	0	0	1	3	4	1	0	5	19	18	9
499	85	22	n	54	2	6	11	11	0	0	0	0	0	0	1	0	1	1	5	4	7	5	1	2	17	11	25
500	64	2.5	n	17	0	0	6	4	0	0	0	0	0	1	2	0	0	0	1	0	1	2	0	0	6	5	6
502	86	3	n	32	2	4	6	8	0	0	0	0	0	1	1	0	0	0	1	6	1	2	0	2	10	9	11
503	86	30	y	69	6	13	15	9	4	0	0	1	0	4	0	0	0	0	7	2	7	4	2	6	28	18	22
507	57	33	y	55	0	5	4	26	0	0	0	0	0	0	7	0	3	0	3	4	3	0	0	0	9	26	20
509	16	4.5	n	29	4	7	4	1	2	1	0	1	0	5	0	0	0	0	0	3	1	0	0	4	11	10	4
514	43	8.5	y	65	0	19	20	6	6	0	1	2	0	2	0	0	1	0	2	3	1	1	1	0	39	17	9
515	43	1	n	16	0	6	7	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	13	0	3
516	83	9	n	41	38	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	38	2	1	0
517	83	3	n	20	18	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	18	0	1	1
519	39	34.5	y	75	0	11	21	4	13	3	1	1	0	0	2	1	1	0	0	7	4	4	2	0	32	22	21
520	25	3	n	30	0	4	6	7	0	0	0	0	0	2	0	0	0	1	7	3	0	0	0	0	10	9	11
521	25	3	n	51	0	5	14	18	0	0	0	0	0	2	0	0	0	0	7	5	0	0	0	0	19	20	12
522	77	39	y	96	9	14	6	7	14	0	1	5	0	6	0	0	0	1	11	9	11	0	2	9	20	33	34
523	77	24	y	80	3	9	6	6	19	2	0	0	0	5	4	0	0	0	1	11	3	7	4	3	15	32	30
530	52	45	n	77	10	14	4	10	7	0	0	0	0	7	2	0	0	0	2	9	13	0	1	10	18	24	27
531	52	14.5	n	56	22	16	0	8	2	0	1	0	0	0	2	0	1	0	1	2	0	1	0	22	16	11	7
532	52	5	n	43	3	5	7	10	1	0	0	2	2	8	0	0	0	0	2	2	1	0	0	3	12	23	5
532	52	14	n	56	3	4	2	8	12	1	0	1	2	13	0	0	0	0	3	3	4	0	0	3	6	37	10
534	16	8	n	47	1	3	13	7	12	1	3	0	0	4	0	0	0	0	2	0	1	0	0	1	16	27	3
535	23	5	n	51	1	6	12	13	1	1	0	1	0	0	1	0	0	0	4	4	5	2	0	1	18	16	16
536	23	1	n	38	1	7	7	7	1	1	0	1	0	0	2	0	0	0	3	1	5	2	0	1	14	10	13
538	43	2	n	35	0	8	18	1	0	0	0	0	0	4	0	0	0	0	0	2	2	0	0	0	26	5	4
540	83	6	n	22	18	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	18	1	2	1

541	83	11	n	44	12	6	15	1	0	0	0	2	0	2	1	0	1	2	0	2	0	0	0	0	0	0	12	21	5	6
543	39	1.5	n	32	0	10	16	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	26	1	4
544	39	15	y	68	13	10	14	12	0	0	0	1	0	2	0	0	0	1	1	3	5	3	2	1	0	0	13	24	15	16
547	77	18.75	n	65	0	15	15	16	0	0	0	1	0	1	3	0	1	0	1	0	3	5	3	2	1	0	0	30	19	16
548	77	21.5	y	57	0	6	7	2	19	1	6	2	1	0	4	0	0	0	1	3	2	2	1	0	0	0	0	13	31	13
551	50	4	n	44	0	7	4	5	.3	0	0	5	0	0	1	0	0	0	0	1	17	1	0	0	0	0	0	11	13	20
552	79	6	n	61	7	2	4	8	11	1	1	3	2	0	3	0	0	0	1	2	7	0	9	7	7	6	26	6	22	
557	52	34	n	59	3	6	10	10	1	0	7	2	1	0	1	0	0	0	0	2	8	7	1	3	16	21	19	3	19	
558	52	23.5	n	63	4	3	10	6	11	1	4	3	1	3	2	0	0	0	1	9	5	0	0	4	13	29	17	4	17	
559	16	8	n	65	4	3	13	3	14	2	0	1	2	13	2	0	0	0	1	4	3	0	0	4	16	35	10	15	15	
564	43	6.5	n	51	2	11	13	3	1	0	0	2	0	4	0	0	1	0	7	2	3	2	0	2	24	10	15	15	15	
564	43	6.5	n	51	2	11	13	3	1	0	0	3	0	3	0	0	1	0	7	2	3	2	0	2	24	10	15	15	15	
565	43	5.75	n	46	2	0	4	32	0	0	0	0	0	3	0	0	0	0	1	2	2	0	0	2	4	35	5	1	1	
566	43	1	n	27	0	14	11	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	25	1	1	1	1	
567	83	5.5	n	44	3	12	8	16	1	1	0	1	0	1	0	0	0	0	0	0	1	0	0	3	20	20	1	1	1	
568	83	11	n	54	2	10	1	13	5	0	0	4	0	0	0	0	0	0	6	2	9	1	1	2	11	22	19	1	1	
570	39	1	n	25	0	4	11	2	0	1	0	0	0	4	0	0	0	0	2	1	0	0	0	0	15	7	3	1	1	
571	39	0.25	n	9	0	5	16	0	0	0	0	1	0	2	0	0	0	0	1	0	0	0	0	0	21	3	1	1	1	
575	77	24	y	55	0	3	8	15	9	0	1	1	0	0	1	0	0	2	4	4	7	0	0	0	11	26	18	1	1	
580	48	17.5	n	59	7	2	5	14	10	2	2	1	1	0	3	0	0	0	3	0	9	0	0	7	7	30	15	1	1	
581	52	42.5	n	68	15	2	8	2	19	0	1	1	0	5	3	0	1	0	0	7	4	0	0	15	10	28	15	1	1	

824	36	5.1	n	66	5	11	18	6	4	0	0	0	0	3	0	0	1	2	5	1	2	6	2	5	29	13	19
825	36	8	n	60	0	9	10	16	2	1	0	0	2	5	3	1	0	0	0	4	7	0	0	0	19	26	15
826	73	6	n	49	0	6	9	5	14	0	1	3	0	0	0	0	3	3	2	2	0	1	0	0	15	23	11
827	73	1.5	n	47	0	15	7	2	11	0	0	0	0	3	0	0	2	4	1	0	1	1	0	0	22	16	9
828	87	5	y	62	1	14	22	7	5	2	1	0	0	4	0	0	0	1	1	4	0	0	0	1	36	19	6
829	87	0.3	n	18	0	6	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	1	0
830	80	28	y	46	3	9	7	5	0	1	0	8	0	0	0	0	1	3	1	2	1	5	3	16	14	13	
831	80	1	n	29	0	10	13	0	1	0	0	0	0	0	0	0	1	0	3	0	1	0	0	0	23	1	5
833	27	1.5	n	25	0	8	12	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	0	20	0	5	
835	93	40	n	49	9	0	9	4	0	3	0	0	0	0	2	0	0	0	3	7	10	0	2	9	9	7	24
836	93	19	n	66	7	0	13	6	0	0	0	1	0	0	3	0	0	0	12	0	24	0	0	7	13	7	39
837	68	29	y	77	10	8	16	8	3	0	0	5	0	0	1	0	0	0	1	7	13	2	3	10	24	16	27
840	26	0.25	n	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
841	89	22.25	y	79	2	1	9	21	8	1	1	4	0	0	1	0	1	0	1	9	15	1	4	2	10	35	32
842	89	1.5	n	18	0	7	8	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	15	2	1
846	36	unk	n	45	0	7	2	30	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	9	35	1
847	73	2	n	19	0	7	10	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	17	0	2
848	73	3.5	n	44	0	10	13	5	6	0	0	1	0	2	0	0	1	1	2	0	0	3	0	0	23	14	7
852	80	6	n	54	0	12	19	3	0	0	0	1	0	4	0	0	1	0	6	4	3	0	1	0	31	8	15
853	27	1	n	23	0	8	11	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	19	2	2
854	93	5	n	57	13	0	9	17	0	0	0	0	0	0	3	0	2	0	1	8	4	0	0	13	9	17	18
855	93	8	n	50	20	2	6	5	0	0	0	0	0	0	0	0	0	1	0	16	0	0	20	8	5	17	
856	4	5	n	49	4	6	8	18	12	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	14	30	1
857	56	13	n	51	0	0	8	23	0	1	0	0	0	1	0	0	0	0	0	7	11	0	0	0	8	25	18
858	56	0.25	n	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
859	56	2.5	n	54	13	14	18	3	0	1	0	1	0	1	0	0	0	0	2	1	0	0	0	13	32	6	3
860	56	unk	y	68	14	1	0	31	0	1	0	0	0	0	1	0	0	0	5	13	1	1	14	1	32	21	
223	223	222			666	1796	2052	1393	940	101	96	209	24	356	181	10	106	132	534	574	765	279	240	666	3848	3119	2821
					781	1263	1515	1480	352	100	46	221	18	262	144	4	29	63	636	515	831	249	235	781	2718	2419	2626
					1447	2999	3567	6440	1292	201	142	430	42	558	325	14	135	195	1090	1089	1596	528	475	1447	6566	5538	5447
																								7.6%	34.6%	29.2%	28.6%

BLOCK	006	004	001	120	190	191	194	196	201	202	203	172	144	139	133	132	143	140	142	135	137	147	146	150	149	153	131	167	325	352	331	332	333
198	35	2	2	3	7	8	81	9	37	7	2	54	97	13	4	84	9	47	11	6	6	4	14	10	7	1	10	13	57	3	9	0	12
223	15	0	0	5	5	5	60	18	65	3	1	40	94	9	0	55	1	32	5	4	3	1	1	3	3	0	5	7	112	1	8	3	13
421	50	2	2	8	12	13	141	27	102	10	3	94	191	22	4	139	10	79	16	10	9	5	15	13	10	1	15	20	169	4	17	3	25

339	343	342	337	360	288.1	288.2	309.1	300	310	289	208	212	214	219	221	277	273	225	263	261	230	228	224	059	069	074	077	313.	315.	316	388	387
8	7	7	109	81	65	1	116	16	29	36	5	7	15	11	33	3	149	1	38	23	6	22	1	6	11	1	21	127	1	167	49	81
3	8	2	132	88	20	0	156	2	50	131	1	3	7	6	16	0	179	2	30	24	3	25	0	3	7	2	14	131	3	199	57	131
11	15	9	241	169	85	1	272	18	79	167	6	10	22	17	49	3	328	3	68	47	9	47	1	9	18	3	35	258	4	366	106	212

365	373	375	378	368	366	367	420	416	417	423	428	390	406	409	402	394	393	412	405	461	465	466.	466	467	456	457	452	447	444	443	474	611	614
2	21	68	1	28	4	2	24	0	17	83	38	96	143	59	19	88	62	140	25	94	20	7	38	20	46	3	74	13	153	3	61	41	79
7	41	94	1	63	3	0	43	4	38	117	30	91	187	99	5	152	76	170	13	134	14	9	33	9	87	3	112	14	196	2	78	64	55
9	62	162	2	91	7	2	67	4	55	200	68	187	330	158	24	240	138	310	38	228	34	16	71	29	133	6	186	27	349	5	139	105	134

617	616	612	613	477	488	735	731	728	727	726	715	718	719	721	722	724	725	751	766	756	755	761	704	703	705	619	622	493	631	633	628	627	624
78	40	69	170	146	146	108	26	1	82	5	1	4	2	155	1	33	30	33	66	9	46	175	123	5	133	73	21	149	2	10	40	77	57
96	42	53	198	188	149	172	53	3	114	4	1	7	2	193	1	29	11	33	106	11	58	211	170	24	193	83	58	177	5	29	48	112	67
174	82	122	368	334	295	280	79	4	196	9	2	11	4	358	2	62	41	66	172	20	104	386	293	29	326	156	79	326	7	39	88	189	124

641	642	648	652	659	663	658	636	687	637	639	674	676	677	681	684	683	610	608	593	595	597	598	604	587	560	561	563	540	552	542	546	547	581
9	0	4	87	1	5	7	2	52	8	5	35	10	12	157	3	3	3	35	95	108	15	134	159	47	109	3	71	112	15	68	76	2	157
8	0	9	80	1	4	10	5	40	7	5	33	9	23	187	4	12	13	37	188	161	18	182	192	82	137	0	147	106	36	16	133	3	169
17	0	13	167	2	9	17	7	92	15	10	68	19	35	344	7	15	16	72	283	269	33	316	351	129	246	3	218	218	61	84	209	5	326

584	494	498	501	501.	497	512	511	495	506	507	533	529	688.
38	100	183	75	102	48	8	162	160	34	130	5	157	173
11	93	207	139	140	16	3	191	190	80	181	8	182	204
49	193	290	214	242	64	11	353	350	114	311	13	339	377

BIRDS SEEN IN LESS THAN TEN PERCENT OF BREEDING BLOCKS

NOT COUNTING BIRDS WHICH REQUIRE FULL OR SPECIAL SIGHTING REPORTS

<u>BIRD</u>	<u>#BLOCKS</u>	<u>PERCENTAGE</u>
VIRGINIA RAIL	10	2.4
LEAST BITTERN	13	3.1
PROTHONOTORY WARBLER	15	3.6
REDHEAD	15	3.6
NORTHERN SHOVELER	16	3.8
RUFFED GROUSE	18	4.3
RUDDY DUCK	20	4.8
GREEN-WINGED TEAL	22	5.2
SORA	22	5.2
YELLOW-BELLIED SAPSUCKER	24	5.7
NORTHERN MOCKINGBIRD	29	6.9
BLUE GROSBEAK	33	7.8
ACADIAN FLYCATCHER	34	8.1
KENTUCKY WARBLER	35	8.3
PILEATED WOODPECKER	38	9.0
MARSH WREN	41	9.7

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TEN MOST FREQUENTLY FOUND BIRDS IN BREEDING BLOCKS

<u>BIRD</u>	<u>#BLOCKS</u>	<u>PERCENTAGE</u>
RED-WINGED BLACKBIRD	390	92.6
AMERICAN ROBIN	386	91.7
HOUSE SPARROW	377	89.5
BARN SWALLOW	368	87.4
MOURNING DOVE	366	86.9
HOUSE WREN	358	85.0
COMMOM GRACKLE	353	83.8
DICKCISSEL	351	83.4
BROWN-HEADED COWBIRD	350	83.1
EASTERN KINGBIRD	349	82.9

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