

DATE	LOCATION	START	FINISH	TEMP.°	APPARENT TIDE	SPECIES SIGHTED	SCIENTIFIC NAME	# of SIGHTINGS	OVER WATER?	IN WATER?	OTHER WILDLIFE	CONDITIONS	NOTES
7/6/16	7th St. basin	7:55	8:55	75	Low	northern mockingbird	<i>Mimus polyglottos</i>	3	yes	no	sparrows, fish, horseshoe crab	bright, sunny, warm	
						seagull	<i>Larus sp.</i>	1	yes	no			likely a herring gull, possibly a ring-billed gull
						double-crested cormorant	<i>Phalacrocorax auritus</i>	1	yes	yes			
7/13/16	3rd St. basin	12:37	13:37	81	High	northern mockingbird	<i>Mimus polyglottos</i>	4	yes	no	fish, sparrows	partly sunny, western current	
						mourning dove	<i>Zenaida macroura</i>	1	yes	no			
						seagull	<i>Larus sp.</i>	1	yes	no			likely a herring gull, possibly a ring-billed gull
						barn swallow	<i>Hirundo rustica</i>	1		no			unconfirmed
						great egret	<i>Ardea alba</i>	1	yes	yes			
7/9/16	3rd St. basin	18:30	19:30	69	?	(none)	—	0	—	—	fish (jumping)	foggy	no sightings
7/14/16	Union St. Bridge	18:30	19:30	82	High	great egret	<i>Ardea alba</i>	1	yes	yes	fish (jumping), sparrows	fairly clear water (little to no debris)	there whole time
						chimney swift	<i>Chaetura pelagica</i>	1	yes	no			actually > 1
						barn swallow	<i>Hirundo rustica</i>	1	yes	no			unconfirmed
						seagull	<i>Larus sp.</i>	2	yes	no			likely a herring gull, possibly a ring-billed gull
						American crow	<i>Corvus brachyrhynchos</i>	2	yes	no			
						mourning dove	<i>Zenaida macroura</i>	1	yes	no			
7/18/16	7th St. basin	19:11	20:11	79	High	killdeer	<i>Charadrius vociferus</i>	1	yes	no	fish (jumping), sparrows	overcast, some sun, cool, water fairly still and clear, mild southern current	post-storm; killdeer in lot, then flew low over the water
						chimney swift	<i>Chaetura pelagica</i>	20	yes	no			actually > 20
						seagull	<i>Larus sp.</i>	1	yes	no			likely a herring gull, possibly a ring-billed gull
						double-crested cormorant	<i>Phalacrocorax auritus</i>	1	yes	no			
7/27/16	Union St. Bridge	8:42	9:44	76	Low	American crow	<i>Corvus brachyrhynchos</i>	1	yes	no	sparrows, juvenile fish?	clear sky, warm, pleasant, breeze, south current, some debris in water but ok/clear	
						mourning dove	<i>Zenaida macroura</i>	1	yes	no			
						northern mockingbird	<i>Mimus polyglottos</i>	1	yes	no			
						chimney swift	<i>Chaetura pelagica</i>	7	no	no			5 to 7

	7th St. basin	3rd St. basin	Union St. Bridge	Totals/Overall
# of total sightings per location	28	8	20	56
" " morning	5	8	12	25
" " evening	23	0	8	31
Mean *(b/w each visit above)	14.0	4.0	10.0	
Median*	14.0	4.0	10.0	
Standard Deviation*	12.7	5.7	2.8	
Sample Variance*	162.0	32.0	8.0	
Range*	18.0	8.0	4.0	
# of total sightings per location (minus chimney swifts)	8	8	12	28
" " morning	5	8	5	18
" " evening	3	0	7	10
Mean *(b/w each visit above)	4.0	4.0	6.0	
Median*	4.0	4.0	6.0	
Standard Deviation*	1.4	5.7	1.4	
Sample Variance*	2.0	32.0	2.0	
Range*	2.0	8.0	2.0	
# of water bird sightings per location	5	2	4	11
" " morning	2	2	1	5
" " evening	3	0	3	6

Mean # of water bird sightings per location	3	1	2	
# of bird-in-water interactions per site	1	1	2	4
" " morning	1	1	1	3
" " evening	0	0	1	1
Mean # of bird-in-water interactions per site	1	1	1	
% of sightings are waterbirds	17.9	25.0	20.0	19.6
% of non-chimney swift sightings are waterbirds	62.5	25.0	33.3	39.3

COLUMBIA ST. PIER HOTSPOT DATA COMPARISON	#	NOTES	COMMENTS
listed # of species at this hotspot*	26		*when not counting pigeons, starlings, or sparrows
difference in # of species this hotspot reports versus my data	17		but also note my non-count of pigeons, starlings, and sparrows
common species between studies	7		but also note my non-count of pigeons, starlings, and sparrows
water/shore species in common b/w studies for frequency/abundance comparison	1	double-crested cormorant	but minimal checklist data to compare frequency and abundance
species in my sightings but not on Columbia St. pier hotspot	2	great egret and killdeer	though these species occur in other nearby areas

INDIVIDUAL eBIRD DATA FOR CANAL SIGHTINGS OF WATER AND SHORE BIRDS	#	NOTES	COMMENTS
prior reports of a killdeer on/at the Canal	0		
prior reports of a great egret on/at the Canal	2		
prior reports of a double-crested cormorant on/at the Canal	2		

Cornell eBird data comparison	#
listed # of species at Columbia St. Pier hotspot (minus pigeon, sparrow, etc.)	26
listed # of species from this paper	9
difference between data sets	17
sightings of killdeer and great egret at Columbia St. Pier hotspot	0
prior individual reports of a killdeer on/at the Canal	0
prior individual reports of a great egret on/at the Canal	2
prior individual reports of a double-crested cormorant on/at the Canal	2

Cornell eBird data comparison	#
species sighted at Columbia St. Pier hotspot (CSP)	26
species sighted in this paper	9
killdeer or great egret sightings at CSP	0
other eBird killdeer sightings on/at the Canal	0
other eBird great egret sightings on/at the Canal	2
other eBird double-crested cormorant sightings on/at the Canal	2