


At 5:50 21 barn swallows flew E along shore, usually 2 or 3 have been flying in area. Spotted sandpiper came to area 4 times ^{and} then left after each short visit. 2 willets in area the entire time. The two willets used the flat parking lot more than other shorebirds. B.T. grackle displaced willet. The two willets in area copulated at one time. The male ^{with partly open bills +} outstretched wings vibrating rapidly ^{gradually} approached the receptive female ^{which remained motionless} at 1 1/2 feet. In 12 seconds was at back of ♀ and mounted with wings still vibrating. After first successful copulation ^{15 sec.} and still on ♀'s back tried to hold position by grasping the feathers on top of the ♀'s head at ^{by} the tip of his bill but at that point the female reached by moving out from under the ♂. Both birds upright during copulation. The male remain on ground motionless ^{with body horizontal and head pulled in} for 1 minute while ♀ walk out into open parking lot.

At 6:30 20 least tern fished on lee side of pinacula. They fished actively with repeated dives every 5-10 sec. They fly and move like swallows and hover with rapidly beating wings of equal movement above and below the axis of the body, then dive by lifting wings upwards and falling down into water. 18 least sandpipers arrived and fed for a few seconds, then bathed and then formed close group in water at edge of beach with the formation a ^{wind →} elliptical shape  with point into wind. The birds were continually adjusting to leeward position. At one time a willet fed to within 1 1/2 feet of the group and then lunged into the group in an aggressive thrust as if to capture one of the sandpipers. The sandpipers moved 3' then immediately returned after the willet continued on its feeding. A spotted sandpiper fed thru the group with minor adjustment of the formation. The least sandpipers remained almost motionless while standing first in water at edge of beach and then on beach at edge of water. They remained there until after dark. At 1 hr after dark place search light in area where they were last seen but they had moved on. A laughing gull worked on a crab leg for about 8 minutes, then walk to a fresh water puddle in parking lot, drank and then left. A second willet (could have been the same one the was aggressive or could have been its mate) fed thru sandpipers without concern. The sandpipers moved 1 foot away then returned. A second spotted sandpiper came to pod of sandpipers, walked around them & continued on.