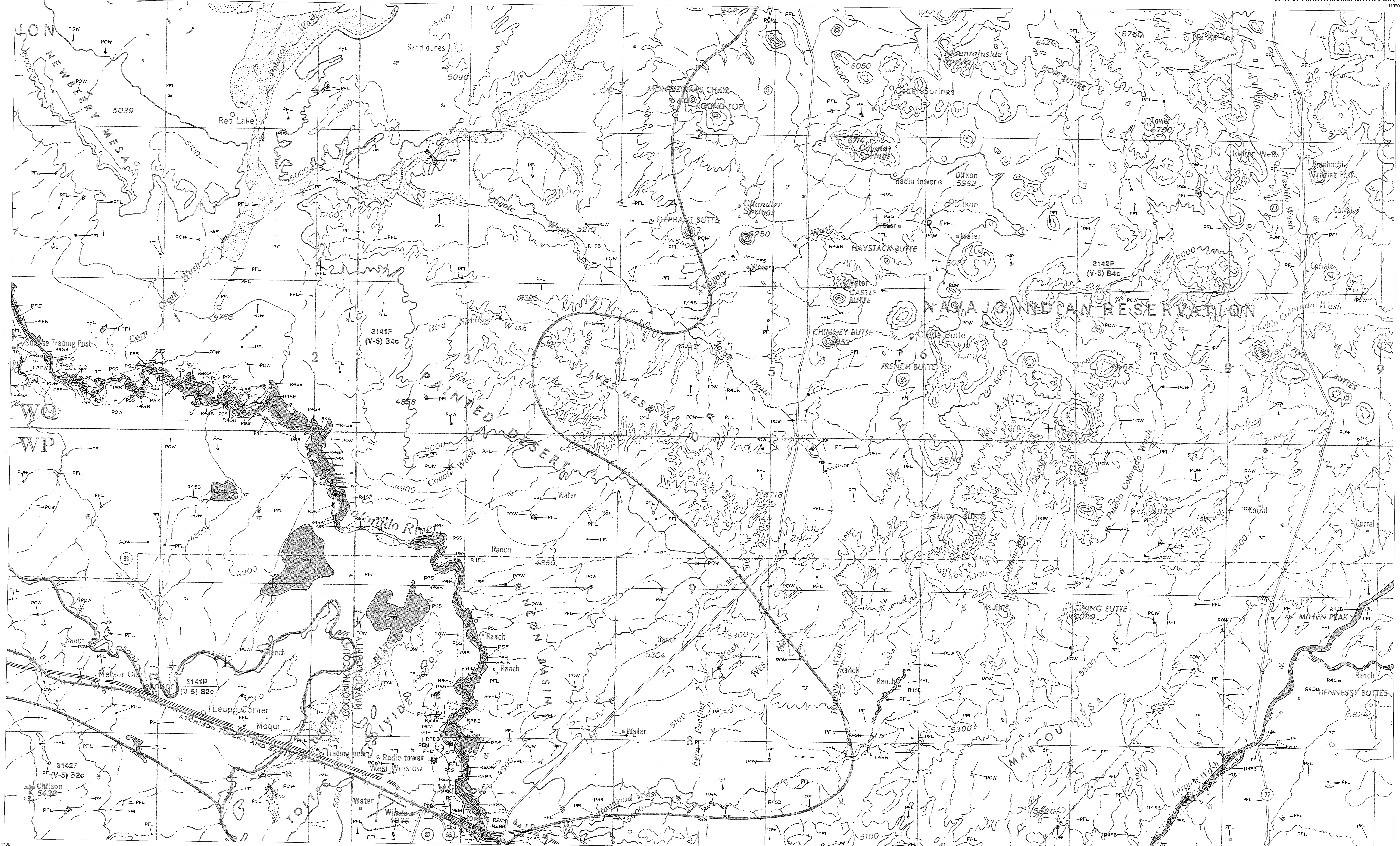
FLAGSTAFF SE, ARIZONA

# NATIONAL WETLANDS INVENTORY

30 X 60 MINUTE SERIES (WETLANDS)




KILOMETERS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

MILES 0 1 2 3 4 5 6 7 8 9 10 11 12

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

0 1000 5000 10 000 15 000 20 000 METERS

0 5000 10 000 15 000 20 000 25 000 30 000 35 000 40 000 45 000 50 000 55 000 60 000 65 000 FEET

## WETLAND LEGEND

**M MARINE**
1 SUBTIDAL
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- RF Reef

**M MARINE**
2 INTERTIDAL
- AB Aquatic Bed
- RF Reef
- FL Flat
- RS Rocky Shore
- BB Beach/Bar

**E ESTUARINE**
1 SUBTIDAL
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- RF Reef

**E ESTUARINE**
2 INTERTIDAL
- AB Aquatic Bed
- RF Reef
- FL Flat
- SB Streambed
- RS Rocky Shore
- BB Beach/Bar
- EM Emergent
- SS Scrub/Shrub
- FO Forested

**R RIVERINE**
1 TIDAL
- EM Emergent (Nonpersistent)
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- SB Streambed
- RS Rocky Shore
- BB Beach/Bar

**R RIVERINE**
2 LOWER PERENNIAL
- EM Emergent (Nonpersistent)
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- SB Streambed
- RS Rocky Shore
- BB Beach/Bar

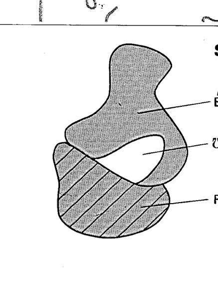
**R RIVERINE**
3 UPPER PERENNIAL
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- SB Streambed
- RS Rocky Shore
- BB Beach/Bar

**R RIVERINE**
4 INTERMITTENT
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- SB Streambed
- RS Rocky Shore
- BB Beach/Bar

**L LACUSTRINE**
1 LIMNETIC
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed

**L LACUSTRINE**
2 LITTORAL
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- RS Rocky Shore
- BB Beach/Bar
- EM Emergent (Nonpersistent)

**P PALUSTRINE**
NO SUBSYSTEMS
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- ML Moss/Lichen
- EM Emergent
- SS Scrub/Shrub
- FO Forested




2311 L Ecoregion*
(I-3) A1 Land-surface form*

***SOURCES OF ADDITIONAL INFORMATION**

- Ecoregion—U.S. Forest Service
- Land Surface Form—U.S. Geological Survey
- Subclass and Water Regime—U.S. Fish and Wildlife Service

Other information concerning the wetland resources depicted on this document may be available, contact: Regional Director (ARDE) Region II U.S. Fish and Wildlife Service P.O. Box 1306 Albuquerque, New Mexico 87103

~~FLAGSTAFF SE~~, ARIZONA
WINSLOW

1983

# Flagstaff SE
## ARIZONA

**1:100 000 — Scale Map of**

# National Wetlands Inventory

- Wetland classifications
- Highways, roads and other manmade structures
- Water features
- Geographic names

FISH & WILDLIFE SERVICE

1983

**Produced by the United States Fish and Wildlife Service**

Wetland classifications from 1:120,000 scale black and white aerial photographs taken 1972, 1973 and other source data.

BASE MAP IS A PHOTOGRAPHIC ENLARGEMENT OF A 1:250,000 — SCALE QUADRANGLE

**SPECIAL NOTE**

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with **Classification of Wetlands and Deep Water Habitats of the United States** (An Operational Draft) Cowardin, et al, 1977. The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specific agency regulatory programs and proprietary jurisdictions that may affect such activities.

**Wetland polygons are photographically reduced from large scale overlays and positioned without internal cartographic adjustment to features. Some positional discrepancies may occur.**

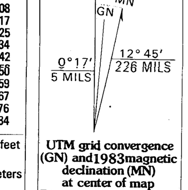
CONVERSION TABLE

| Meters | Feet |
|---|---|
| 1 | 3.2808 |
| 2 | 6.5617 |
| 3 | 9.8425 |
| 4 | 13.1234 |
| 5 | 16.4042 |
| 6 | 19.6850 |
| 7 | 22.9659 |
| 8 | 26.2467 |
| 9 | 29.5276 |
| 10 | 32.8084 |

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM




UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

| | | |
|---|---|---|
| 1 | 2 | 3 |
| 4 | | 5 |
| 6 | 7 | 8 |

1. Flagstaff NW
2. Flagstaff NE
3. Gallup NW
4. Flagstaff SW
5. Gallup SW
6. Holbrook NW
7. Holbrook NE
8. Saint Johns NW