

Chapter 8

Index

8.0 INDEX

- Air Quality Standards Alaska Administrative Code (AAC), 3-39, 3-170, 3-340, 3-357, 3-388, 3-420, 3-453
- Air Quality Standards Alaska Department of Environmental Conservation (ADEC), 1-18, 3-39, 3-199, 3-335, 3-339, 3-379, 3-409, 3-410, 3-442, 3-443, 3-461, 3-464
- Air Quality Standards Ambient Air Quality Standards, 4-23
- Air Quality Standards Clean Air Act, - 11 -, 1-36
- Air Quality Standards Secondary Standard, 3-332, 3-439, 3-440
- air quality, - 10 -, - 13 -, - 17 -, - 26 -, - 35 -, - 46 -, - 55 -, - 65 -, 1-46, 1-51, 1-54, 1-58, 1-67, 1-68, 1-67, 1-77, 1-88, 1-96, 1-95, 1-105, 1-106, 1-105, 2-5, 3-33, 3-34, 3-35, 3-36, 3-37, 3-105, 3-128, 3-129, 3-130, 3-131, 3-196, 3-197, 3-235, 3-236, 3-265, 3-266, 3-302, 3-303, 3-304, 3-323, 3-324, 3-325, 3-368, 3-369, 3-370, 3-397, 3-398, 3-428, 3-429, 3-430, 3-461, 3-462, 3-477, 3-479, 3-480, 4-3, 4-17, 4-23, 4-24, 4-38
- Air Route Traffic Control Center (ARTCC), - 14 -, - 59 -, - 60 -, - 68 -, 1-55, 1-64, 1-100, 1-101, 1-108, 2-12, 3-3, 3-7, 3-8, 3-9, 3-13, 3-15, 3-16, 3-114, 3-116, 3-187, 3-226, 3-257, 3-286, 3-289, 3-290, 3-291, 3-292, 3-293, 3-296, 3-297, 3-460
- Air Traffic Control (ATC), - 53 -, - 58 -, - 59 -, - 62 -, - 68 -, 1-94, 1-99, 1-100, 1-102, 1-104, 1-108, 2-5, 2-6, 3-2, 3-3, 3-6, 3-7, 3-8, 3-9, 3-10, 3-11, 3-12, 3-13, 3-14, 3-15, 3-16, 3-17, 3-18, 3-19, 3-20, 3-80, 3-114, 3-115, 3-116, 3-185, 3-188, 3-226, 3-227, 3-228, 3-257, 3-258, 3-263, 3-288, 3-289, 3-290, 3-291, 3-292, 3-294, 3-295, 3-296, 3-297, 3-298, 3-300, 3-301, 4-19
- Air Traffic Control Assigned Airspace (ATCAA), - 14 -, - 15 -, 1-55, 1-56, 1-64, 2-5, 2-6, 2-18, 3-3, 3-6, 3-9, 3-12, 3-13, 3-16, 3-17, 3-19, 3-20, 3-21, 3-22, 3-24, 3-25, 3-80, 3-83, 3-84, 3-89, 3-110, 3-111, 3-224, 3-226, 3-255, 3-263, 4-4, 4-9, 4-19
- Aircraft Overflight effects on wildlife, 3-22, 3-23, 3-24, 3-51, 3-55, 3-57, 3-87, 3-143, 3-161, 3-272
- airspace, - 1 -, - 2 -, - 3 -, - 5 -, - 6 -, - 7 -, - 10 -, - 11 -, - 12 -, - 13 -, - 14 -, - 16 -, - 17 -, - 21 -, - 23 -, - 24 -, - 25 -, - 30 -, - 32 -, - 33 -, - 35 -, - 37 -, - 41 -, - 44 -, - 46 -, - 48 -, - 49 -, - 53 -, - 54 -, - 57 -, - 58 -, - 59 -, - 60 -, - 61 -, - 62 -, - 63 -, - 64 -, - 67 -, - 69 -, - 70 -, - 71 -, - 72 -, - 73 -, 1-1, 1-6, 1-7, 1-8, 1-13, 1-14, 1-15, 1-16, 1-17, 1-19, 1-20, 1-23, 1-24, 1-25, 1-26, 1-32, 1-34, 1-36, 1-37, 1-43, 1-44, 1-45, 1-46, 1-48, 1-49, 1-50, 1-51, 1-54, 1-55, 1-57, 1-58, 1-62, 1-64, 1-65, 1-64, 1-65, 1-66, 1-72, 1-74, 1-75, 1-76, 1-75, 1-77, 1-79, 1-82, 1-83, 1-86, 1-87, 1-86, 1-87, 1-88, 1-90, 1-91, 1-94, 1-97, 1-98, 1-99, 1-100, 1-99, 1-100, 1-101, 1-102, 1-103, 1-102, 1-103, 1-104, 1-105, 1-104, 1-107, 1-108, 2-1, 2-2, 2-3, 2-5, 2-6, 2-7, 2-9, 2-10, 2-11, 2-12, 2-14, 2-16, 2-18, 2-20, 2-21, 2-23, 2-24, 2-27, 2-29, 2-31, 2-32, 2-34, 2-35, 2-36, 2-37, 2-38, 2-39, 2-40, 2-41, 2-42, 2-49, 2-53, 2-55, 2-56, 3-2, 3-3, 3-4, 3-5, 3-6, 3-7, 3-8, 3-9, 3-10, 3-11, 3-12, 3-13, 3-14, 3-15, 3-16, 3-17, 3-18, 3-19, 3-20, 3-21, 3-22, 3-23, 3-24, 3-26, 3-27, 3-28, 3-29, 3-30, 3-31, 3-32, 3-33, 3-34, 3-35, 3-36, 3-38, 3-39, 3-40, 3-48, 3-50, 3-51, 3-54, 3-55, 3-57, 3-58, 3-59, 3-66, 3-68, 3-71, 3-75, 3-77, 3-80, 3-82, 3-83, 3-85, 3-86, 3-87, 3-88, 3-90, 3-91, 3-93, 3-94, 3-96, 3-102, 3-103, 3-104, 3-105, 3-107, 3-108, 3-109, 3-110, 3-111, 3-112, 3-113, 3-114, 3-115, 3-116, 3-121, 3-124, 3-125, 3-127, 3-128, 3-132, 3-142, 3-143, 3-144, 3-145, 3-146, 3-147, 3-151, 3-152, 3-156, 3-161, 3-163, 3-165, 3-166, 3-167, 3-168, 3-169, 3-173, 3-174, 3-175, 3-177, 3-178, 3-179, 3-180, 3-181, 3-182, 3-183, 3-184, 3-185, 3-186, 3-187, 3-188, 3-189, 3-190, 3-193, 3-194, 3-195, 3-196, 3-197, 3-199, 3-203, 3-204, 3-205, 3-206, 3-208, 3-209, 3-211, 3-214, 3-215, 3-217, 3-218, 3-220, 3-222, 3-223, 3-224, 3-225, 3-226, 3-227, 3-228, 3-229, 3-233, 3-234, 3-235, 3-238, 3-241, 3-243, 3-245, 3-246, 3-247, 3-248, 3-249, 3-250, 3-254, 3-255, 3-256, 3-257, 3-258, 3-259, 3-263, 3-264, 3-272, 3-273, 3-275, 3-276, 3-277, 3-278, 3-279, 3-280, 3-282, 3-283, 3-285, 3-286, 3-287, 3-288, 3-289, 3-290, 3-291, 3-292, 3-293, 3-294, 3-295, 3-296, 3-297, 3-298, 3-299, 3-300, 3-301, 3-302, 3-303, 3-304, 3-305, 3-306, 3-310, 3-311, 3-314, 3-315, 3-319, 3-320, 3-321, 3-322, 3-323, 3-348, 3-360, 3-361, 3-365, 3-367, 3-381, 3-385, 3-394, 3-395, 3-396, 3-415, 3-418, 3-422, 3-423, 3-426, 3-448, 3-456, 3-459, 3-460, 3-461, 3-468, 3-469, 3-472,

***JPARC Modernization and Enhancement
Environmental Impact Statement***

3-477, 3-478, 3-483, 3-484, 3-488, 3-489, 3-490, 4-1, 4-3, 4-4, 4-6, 4-7, 4-8, 4-10, 4-11, 4-18, 4-19, 4-20, 4-21, 4-22, 4-33, 4-36, 4-37, 4-38, 5-1, 5-3, 5-2, 5-3	Carbon Monoxide (CO), - 65 -, 1-105, 3-35, 3-36, 3-130, 3-131, 3-235, 3-302, 3-303, 3-304, 3-324, 3-479, 4-23
Alaska Civil/Military Aviation Council (ACMAC), 3-18, 3-185, 3-189, 3-193	Caribou, - 9 -, 1-42, 1-43, 1-47, 3-40, 3-43, 3-49, 3-50, 3-51, 3-52, 3-69, 3-70, 3-71, 3-74, 3-103, 3-103, 3-157, 3-158, 3-202, 3-212, 3-216, 3-239, 3-239, 3-243, 3-249, 3-269, 3-269, 3-270, 3-270, 3-273, 3-278, 3-311, 3-311, 3-317, 3-318, 3-341, 3-343, 3-343, 3-343, 3-344, 3-344, 3-344, 3-346, 3-382, 3-382, 3-382, 3-413, 3-413, 3-413, 3-444, 3-444, 3-446, 3-481, 3-482, 3-482, 3-488, 3-488, 3-97, 3-98, 3-99, 4-29
Alaska Department of Labor and Workforce Development, 3-218	Census, - 35 -, 1-39, 1-77, 3-33, 3-35, 3-36, 3-59, 3-66, 3-71, 3-90, 3-91, 3-92, 3-93, 3-104, 3-105, 3-107, 3-129, 3-147, 3-151, 3-156, 3-173, 3-174, 3-177, 3-178, 3-179, 3-196, 3-211, 3-217, 3-218, 3-219, 3-223, 3-246, 3-254, 3-273, 3-281, 3-283, 3-284, 3-302, 3-314, 3-319, 3-320, 3-324, 3-360, 3-362, 3-363, 3-392, 3-397, 3-422, 3-424, 3-425, 3-428, 3-456, 3-473, 3-474, 3-479, 3-490, 4-37
Alaska Native, - 9 -, - 12 -, - 37 -, - 48 -, - 66 -, 1-18, 1-37, 1-39, 1-41, 1-48, 1-80, 1-90, 1-106, 3-55, 3-56, 3-57, 3-58, 3-97, 3-101, 3-104, 3-105, 3-108, 3-144, 3-145, 3-146, 3-177, 3-178, 3-179, 3-205, 3-205, 3-206, 3-207, 3-223, 3-241, 3-242, 3-254, 3-272, 3-273, 3-274, 3-275, 3-276, 3-283, 3-284, 3-305, 3-306, 3-307, 3-318, 3-319, 3-320, 3-348, 3-362, 3-362, 3-363, 3-364, 3-384, 3-392, 3-415, 3-415, 3-424, 3-425, 3-447, 3-457, 3-458, 3-475, 3-476, 3-484, 3-492, 3-493, 4-32, 4-39, 4-39, 5-2, 5-3	Chaff, - 21 -, - 72 -, 1-47, 1-63, 2-6, 2-6, 3-37, 3-37, 3-38, 3-51, 3-53, 3-78, 3-81, 3-84, 3-103, 3-103, 3-103, 3-103, 3-266, 5-2, 5-3,
Ambient Air Quality Standards Alaska Ambient Air Quality Standards (AAQS), 3-33	Class I Area, 3-34, 3-35, 3-37, 3-129, 3-196, 3-235, 3-302, 3-303, 3-324, 3-369, 3-397, 3-429, 3-479, 4-24
Ambient Air Quality Standards National Ambient Air Quality Standards (NAAQS), - 17 -, - 35 -, - 46 -, 1-58, 1-77, 1-88, 3-33, 3-34, 3-35, 3-36, 3-129, 3-130, 3-196, 3-235, 3-302, 3-303, 3-324, 3-369, 3-397, 3-429	Clean Water Act (CWA), - 11 -, 1-38, 3-48, 3-340, 5-1, 5-3
Ambient Air, 4-23	Clean Water Act (CWA), - 11 -, 1-38, 3-48, 3-340, 5-1, 5-3
Attainment Area, 3-479	Climate Change (also referred to as ‘global climate change’), 4-18
biological resources, - 10 -, - 29 -, - 48 -, - 69 -, - 70 -, 1-70, 1-89, 3-23, 3-39, 3-48, 3-53, 3-103, 3-105, 3-139, 3-142, 3-143, 3-202, 3-203, 3-238, 3-239, 3-270, 3-305, 3-340, 3-344, 3-345, 3-346, 3-347, 3-382, 3-383, 3-411, 3-413, 3-414, 3-444, 3-446, 3-466, 3-467, 3-480, 3-481, 3-483, 4-29, 4-30, 4-31, 4-34, 4-38	Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 3-38, 3-199, 3-237, 3-335, 3-340, 3-379, 3-409, 3-442, 3-464
Bird/Wildlife-Aircraft Strike Hazards (BASH) bird-aircraft strike, - 35 -, - 56 -, 1-77, 1-97, 1-96, 3-27, 3-28, 3-30, 3-194, 3-195, 3-233, 3-270, 3-271, 4-22	cultural resources, - 10 -, - 13 -, - 19 -, - 29 -, - 37 -, - 48 -, - 57 -, - 66 -, - 69 -, - 71 -, - 73 -, - 74 -, 1-48, 1-51, 1-54, 1-60, 1-71, 1-79, 1-90, 1-97, 1-106, 2-43, 3-2, 3-23, 3-55, 3-57, 3-58, 3-105, 3-107, 3-108, 3-143, 3-144, 3-145, 3-146, 3-205, 3-206, 3-224, 3-241, 3-272, 3-273, 3-274, 3-275, 3-276, 3-305, 3-306, 3-307, 3-347, 3-348, 3-363, 3-364,
Bird/Wildlife-Aircraft Strike Hazards (BASH), - 16 -, - 56 -, - 58 -, 1-45, 1-57, 1-64, 1-96, 1-99, 3-26, 3-27, 3-28, 3-31, 3-194, 3-264, 3-271, 3-301	
Carbon Dioxide (CO ₂), 3-35, 3-304	

- 3-384, 3-414, 3-415, 3-447, 3-467, 3-483, 3-492,
4-31, 4-32, 4-38, 4-39, 4-40, 5-3, 5-4
- Dall sheep, 3-40, 3-49, 3-50, 3-52, 3-97, 3-98, 3-99,
3-103, 3-103, 3-157, 3-212, 3-270, 3-278, 3-343,
3-344, 3-413, 3-446, 3-481
- Denali Fault, 3-326, 3-370
- Dudded Impact Area, - 9 -, 2-11, 2-50, 2-56,
3-137, 3-138, 3-149, 3-154, 3-155, 3-164,
3-165, 3-242
- Duds, 3-122, 3-136, 3-138, 3-140, 3-406, 3-409,
3-410, 3-411, 3-464
- earthquake, 3-326, 3-329, 3-370, 3-375, 3-404,
3-438, 3-326, 3-329, 3-370, 3-375, 3-404,
3-405, 3-438, 3-439
- Electricity, - 73 -, - 74 -, 3-170, 3-356, 3-359,
3-388, 3-389, 3-419, 3-452, 5-3, 5-4
- Emergency Planning and Community
Right-to-Know Act of 1986 (EPCRA), - 12 -,
3-139, 3-141
- Emission Mobile Sources, 3-398, 3-462, 3-480
- Emission Precursor, 3-35, 4-7
- Emission Source, - 66 -, 1-28, 1-34, 1-106, 2-35, 3-7,
3-8, 3-9, 3-22, 3-34, 3-71, 3-74, 3-78, 3-79, 3-88,
3-91, 3-93, 3-99, 3-105, 3-117, 3-122, 3-129,
3-136, 3-138, 3-141, 3-157, 3-173, 3-177, 3-179,
3-190, 3-211, 3-212, 3-214, 3-218, 3-219, 3-223,
3-246, 3-248, 3-250, 3-254, 3-255, 3-303, 3-312,
3-314, 3-318, 3-320, 3-324, 3-325, 3-331, 3-345,
3-346, 3-360, 3-363, 3-366, 3-367, 3-369, 3-374,
3-377, 3-383, 3-390, 3-392, 3-397, 3-398, 3-402,
3-410, 3-418, 3-424, 3-429, 3-437, 3-462, 3-474,
3-480, 4-26
- Emission, 3-35, 3-36, 3-130, 3-131, 3-303,
3-325, 3-369, 3-398, 3-429, 3-430, 3-462,
3-480, 4-23
- environmental justice (population), - 15 -, - 16
-, - 18 -, - 40 -, 1-15, 1-49, 1-50, 1-57, 1-57,
1-59, 1-81, 3-9, 3-19, 3-21, 3-23, 3-25, 3-26,
3-30, 3-48, 3-49, 3-52, 3-53, 3-54, 3-57, 3-59,
3-78, 3-79, 3-90, 3-91, 3-93, 3-97, 3-101,
3-103, 3-104, 3-105, 3-107, 3-124, 3-157,
3-160, 3-173, 3-177, 3-178, 3-179, 3-201,
3-202, 3-212, 3-217, 3-217, 3-218, 3-220,
3-223, 3-247, 3-250, 3-254, 3-274, 3-284,
3-300, 3-310, 3-314, 3-318, 3-319, 3-320,
3-348, 3-360, 3-362, 3-363, 3-364, 3-390,
3-392, 3-422, 3-423, 3-424, 3-425, 3-456,
3-457, 3-466, 3-476, 3-489, 3-490, 4-33,
4-35, 4-37
- environmental justice, - 10 -, - 12 -, - 13 -, - 69 -, - 71
-, 1-50, 1-51, 1-54, 3-23, 3-104, 3-105, 3-107,
3-178, 3-179, 3-222, 3-223, 3-253, 3-254, 3-283,
3-284, 3-319, 3-320, 3-362, 3-363, 3-392, 3-424,
3-425, 3-457, 3-458, 3-470, 3-475, 3-476, 3-492,
4-38, 4-39, 5-2
- erosion, - 27 -, 1-46, 1-68, 3-131, 3-133, 3-134,
3-327, 3-328, 3-329, 3-330, 3-333, 3-334,
3-371, 3-372, 3-375, 3-377, 3-378, 3-400,
3-403, 3-404, 3-406, 3-407, 3-408, 3-432,
3-438, 3-441, 3-452, 4-24
- Federal airway, - 53 -, - 58 -, - 59 -, - 61 -, - 63 -,
1-94, 1-99, 1-100, 1-102, 1-104, 3-7, 3-8, 3-9,
3-12, 3-14, 3-19, 3-111, 3-114, 3-115, 3-185,
3-186, 3-188, 3-226, 3-228, 3-256, 3-257,
3-286, 3-290, 3-291, 3-292, 3-293, 3-294,
3-295, 3-296, 3-297, 3-459, 4-19
- Fire Weather Index, 3-123, 3-127, 4-23
- Flares, - 21 -, - 72 -, 1-63, 2-6, 3-37, 3-38, 3-51,
3-53, 3-78, 3-81, 3-84, 3-103, 3-137, 3-138,
3-266, 3-466, 4-31, 5-2, 5-3
- Flyways, - 44 -, - 58 -, - 62 -, - 63 -, 1-87, 1-99,
1-103, 1-103, 1-104, 3-9, 3-17, 3-27, 3-28,
3-115, 3-116, 3-187, 3-188, 3-228, 3-288,
3-290, 3-295, 3-297, 3-298, 4-19
- generators, 2-10, 2-49, 2-51, 3-39, 3-82, 3-129,
3-172, 3-359, 3-420, 3-421, 3-453, 3-455
- geologic hazards, 3-326, 3-327, 3-370, 3-375, 3-399,
3-430, 3-438
- Greenhouse Gas, 3-35, 3-304, 4-17
- ground safety (Impact Area), - 6 -, - 8 -, - 23 -, -
25 -, - 27 -, - 28 -, - 29 -, - 30 -, - 45 -, - 47 -, -
48 -, - 49 -, - 55 -, - 62 -, - 73 -, - 73 -, 1-13,
1-20, 1-22, 1-64, 1-66, 1-68, 1-69, 1-70, 1-71,
1-87, 1-89, 1-91, 1-96, 1-102, 2-10, 2-11,
2-12, 2-14, 2-16, 2-18, 2-20, 2-21, 2-24, 2-27,

- 2-45, 2-47, 2-50, 3-110, 3-115, 3-116, 3-117,
3-118, 3-122, 3-124, 3-125, 3-127, 3-128,
3-129, 3-131, 3-132, 3-133, 3-134, 3-135,
3-136, 3-137, 3-138, 3-139, 3-140, 3-141,
3-142, 3-143, 3-145, 3-146, 3-149, 3-151,
3-154, 3-155, 3-158, 3-162, 3-163, 3-164,
3-165, 3-166, 3-168, 3-179, 3-180, 3-182,
3-190, 3-199, 3-203, 3-204, 3-208, 3-212,
3-220, 3-224, 3-226, 3-227, 3-230, 3-236,
3-238, 3-239, 3-245, 3-247, 3-249, 3-267,
3-291, 3-295, 3-365, 3-371, 3-375, 3-379,
3-384, 3-385, 3-387, 3-389, 3-390, 3-394,
3-395, 3-399, 3-400, 3-402, 3-403, 3-404,
3-405, 3-406, 3-407, 3-409, 3-410, 3-418,
3-421, 3-422, 3-426, 3-439, 4-25, 5-2, 5-3
- ground safety (Munitions), - 23 -, - 24 -, - 27 -, -
28 -, - 30 -, - 34 -, - 36 -, - 45 -, - 46 -, - 47 -, -
69 -, - 70 -, - 71 -, 1-19, 1-23, 1-24, 1-45,
1-47, 1-51, 1-64, 1-65, 1-68, 1-69, 1-70, 1-71,
1-76, 1-78, 1-87, 1-88, 1-89, 2-18, 2-20, 2-21,
2-23, 2-47, 2-49, 3-28, 3-29, 3-93, 3-116,
3-117, 3-118, 3-119, 3-120, 3-121, 3-122,
3-123, 3-125, 3-127, 3-128, 3-130, 3-131,
3-132, 3-133, 3-134, 3-135, 3-136, 3-137,
3-138, 3-139, 3-140, 3-141, 3-142, 3-146,
3-160, 3-162, 3-168, 3-169, 3-182, 3-190,
3-191, 3-192, 3-193, 3-194, 3-195, 3-196,
3-197, 3-198, 3-199, 3-203, 3-204, 3-213,
3-230, 3-231, 3-232, 3-233, 3-234, 3-235,
3-236, 3-238, 3-247, 3-267, 3-279, 3-285,
3-298, 3-322, 3-323, 3-325, 3-335, 3-340,
3-365, 3-367, 3-368, 3-379, 3-380, 3-394,
3-395, 3-396, 3-397, 3-398, 3-404, 3-406,
3-409, 3-410, 3-411, 3-424, 3-425, 3-426,
3-427, 3-428, 3-442, 3-443, 3-451, 3-462,
3-464, 3-470, 3-487, 4-20, 4-21, 4-22, 4-25,
4-27, 4-34, 4-38, 5-3
- ground safety (Ordnance), - 3 -, - 6 -, - 13 -, - 17
-, - 23 -, - 27 -, - 28 -, - 29 -, - 31 -, - 37 -, - 47
-, - 48 -, - 55 -, - 64 -, 1-13, 1-19, 1-23, 1-24,
1-25, 1-29, 1-43, 1-46, 1-47, 1-48, 1-50, 1-51,
1-54, 1-58, 1-64, 1-65, 1-68, 1-70, 1-69, 1-70,
1-73, 1-79, 1-89, 1-95, 1-105, 2-1, 2-2, 2-6,
2-9, 2-10, 2-11, 2-12, 2-13, 2-14, 2-15, 2-16,
2-17, 2-18, 2-20, 2-27, 2-43, 2-47, 2-49, 2-49,
2-53, 3-8, 3-28, 3-29, 3-37, 3-38, 3-39, 3-50,
3-110, 3-112, 3-113, 3-114, 3-115, 3-117,
3-121, 3-122, 3-123, 3-124, 3-125, 3-127,
3-129, 3-130, 3-132, 3-133, 3-134, 3-135,
3-136, 3-137, 3-138, 3-139, 3-140, 3-141,
3-142, 3-143, 3-145, 3-146, 3-149, 3-151,
3-154, 3-155, 3-158, 3-162, 3-163, 3-164,
3-165, 3-166, 3-168, 3-179, 3-180, 3-182,
3-190, 3-199, 3-203, 3-204, 3-208, 3-212,
3-220, 3-224, 3-226, 3-227, 3-230, 3-236,
3-238, 3-239, 3-245, 3-247, 3-249, 3-267,
3-291, 3-295, 3-365, 3-371, 3-375, 3-379,
3-384, 3-385, 3-387, 3-389, 3-390, 3-394,
3-395, 3-399, 3-400, 3-402, 3-403, 3-404,
3-405, 3-406, 3-407, 3-409, 3-410, 3-418,
3-421, 3-422, 3-426, 3-439, 4-25, 5-2, 5-3
- 3-136, 3-137, 3-138, 3-139, 3-140, 3-141,
3-142, 3-145, 3-146, 3-147, 3-153, 3-166,
3-173, 3-175, 3-179, 3-196, 3-197, 3-199,
3-203, 3-234, 3-235, 3-236, 3-238, 3-239,
3-264, 3-267, 3-294, 3-300, 3-305, 3-323,
3-347, 3-368, 3-384, 3-395, 3-396, 3-404,
3-406, 3-410, 3-414, 3-424, 3-428, 3-447,
3-459, 3-461, 3-462, 3-483, 3-492, 4-2, 4-24,
4-27, 5-2, 9-3
- ground safety, - 10 -, - 23 -, - 55 -, - 64 -, 1-64, 1-95,
1-105, 3-28, 3-29, 3-81, 3-114, 3-121, 3-124,
3-127, 3-128, 3-194, 3-195, 3-196, 3-233, 3-234,
3-264, 3-300, 3-322, 3-323, 3-367, 3-368, 3-396,
3-427, 3-428, 3-461, 3-478, 4-22
- Hazardous Air Pollutants (HAPs), - 65 -, - 68 -,
1-105, 1-108, 3-35, 3-36, 3-130, 3-303
- hazardous materials (Alaska Department of
Environmental Conservation), 1-18, 3-39,
3-199, 3-335, 3-339, 3-379, 3-409, 3-410,
3-442, 3-443, 3-461, 3-464
- hazardous materials, - 10 -, - 13 -, - 17 -, - 28 -, - 36 -,
- 47 -, 1-47, 1-51, 1-54, 1-58, 1-69, 1-70, 1-69,
1-79, 1-89, 3-2, 3-37, 3-38, 3-39, 3-105, 3-137,
3-138, 3-139, 3-140, 3-141, 3-142, 3-198, 3-199,
3-236, 3-237, 3-238, 3-266, 3-267, 3-305, 3-335,
3-339, 3-340, 3-379, 3-380, 3-409, 3-410, 3-411,
3-440, 3-441, 3-442, 3-443, 3-444, 3-464, 3-480,
4-27, 4-38
- infrastructure, - 2 -, - 5 -, - 10 -, - 13 -, - 31 -, - 56 -, -
71 -, - 72 -, - 73 -, 1-1, 1-7, 1-13, 1-16, 1-25, 1-30,
1-46, 1-49, 1-51, 1-54, 1-73, 1-96, 2-1, 2-6, 2-7,
2-10, 2-29, 2-43, 2-45, 2-49, 2-50, 2-51, 2-56, 3-2,
3-37, 3-39, 3-50, 3-77, 3-85, 3-90, 3-105, 3-170,
3-171, 3-172, 3-173, 3-217, 3-250, 3-255, 3-270,
3-277, 3-280, 3-281, 3-285, 3-311, 3-314, 3-327,
3-328, 3-329, 3-330, 3-344, 3-349, 3-353, 3-354,
3-355, 3-356, 3-357, 3-358, 3-359, 3-360, 3-365,
3-375, 3-385, 3-388, 3-389, 3-390, 3-392, 3-393,
3-394, 3-403, 3-404, 3-405, 3-413, 3-418, 3-419,
3-420, 3-421, 3-422, 3-438, 3-439, 3-451, 3-452,
3-453, 3-454, 3-455, 3-456, 3-471, 3-472, 3-473,
3-477, 3-490, 4-8, 4-9, 4-24, 4-26, 4-33, 4-34,
4-35, 4-36, 4-37, 4-38, 4-39, 5-2, 5-3
- Installation Restoration Program (IRP), 3-339,
4-27
- Instrument Flight Rules (IFR) air traffic, - 14 -, -
33 -, - 40 -, - 44 -, - 53 -, - 54 -, - 58 -, - 59 -, -

- 60 -, - 62 -, - 68 -, - 69 -, - 70 -, 1-44, 1-55,
1-64, 1-75, 1-76, 1-82, 1-86, 1-94, 1-95, 1-99,
1-100, 1-100, 1-101, 1-102, 1-108, 2-21, 3-3,
3-6, 3-7, 3-8, 3-9, 3-11, 3-13, 3-14, 3-15,
3-16, 3-17, 3-19, 3-32, 3-85, 3-102, 3-108,
3-110, 3-177, 3-181, 3-186, 3-188, 3-189,
3-220, 3-221, 3-224, 3-226, 3-227, 3-228,
3-229, 3-252, 3-256, 3-264, 3-282, 3-286,
3-288, 3-289, 3-290, 3-291, 3-292, 3-293,
3-294, 3-295, 3-296, 3-297, 3-300, 3-301,
3-460, 4-18, 4-19, 4-38, 4-39
- jet route, - 14 -, - 63 -, 1-55, 1-104, 2-7, 3-8,
3-12, 3-16, 3-19, 3-20, 3-114, 3-116, 3-185,
3-226, 3-288, 3-290, 3-296, 3-297, 3-459,
4-19
- land use (land management planning), 3-76,
3-310, 3-484
- land use (public access), - 13 -, - 19 -, - 30 -, - 38
-, - 41 -, - 49 -, - 66 -, - 67 -, - 70 -, - 73 -,
1-48, 1-54, 1-60, 1-71, 1-80, 1-82, 1-90,
1-106, 1-107, 1-108, 2-10, 3-59, 3-61, 3-68,
3-72, 3-75, 3-76, 3-77, 3-79, 3-85, 3-89,
3-121, 3-122, 3-123, 3-125, 3-127, 3-128,
3-147, 3-151, 3-153, 3-154, 3-155, 3-158,
3-159, 3-160, 3-161, 3-164, 3-165, 3-166,
3-168, 3-194, 3-195, 3-208, 3-210, 3-213,
3-214, 3-215, 3-216, 3-217, 3-220, 3-222,
3-233, 3-234, 3-243, 3-245, 3-247, 3-249,
3-250, 3-277, 3-278, 3-279, 3-280, 3-310,
3-311, 3-312, 3-312, 3-313, 3-319, 3-320,
3-322, 3-323, 3-353, 3-354, 3-355, 3-362,
3-367, 3-368, 3-385, 3-387, 3-392, 3-396,
3-416, 3-418, 3-419, 3-423, 3-427, 3-428,
3-450, 3-451, 3-452, 3-456, 3-457, 3-469,
3-470, 3-478, 3-487, 3-488, 3-490, 3-491,
3-492, 4-22, 4-32, 4-33, 4-36, 4-37, 4-38, 5-2
- land use (recreation), - 9 -, - 10 -, - 13 -, - 19 -, -
30 -, - 38 -, - 41 -, - 49 -, - 66 -, - 73 -, 1-42,
1-43, 1-45, 1-48, 1-49, 1-50, 1-54, 1-60, 1-71,
1-80, 1-81, 1-83, 1-90, 1-106, 3-59, 3-61,
3-67, 3-69, 3-70, 3-71, 3-72, 3-73, 3-74, 3-75,
3-76, 3-77, 3-79, 3-80, 3-81, 3-84, 3-85, 3-86,
3-87, 3-88, 3-89, 3-92, 3-93, 3-107, 3-122,
3-123, 3-147, 3-151, 3-154, 3-155, 3-156,
3-159, 3-160, 3-161, 3-163, 3-164, 3-165,
3-166, 3-167, 3-169, 3-174, 3-201, 3-208,
3-210, 3-211, 3-213, 3-214, 3-215, 3-216,
3-217, 3-218, 3-219, 3-220, 3-223, 3-228,
3-243, 3-245, 3-246, 3-247, 3-248, 3-249,
3-250, 3-251, 3-252, 3-274, 3-277, 3-278,
3-279, 3-279, 3-280, 3-288, 3-310, 3-312,
3-390, 3-391, 3-393, 3-416, 3-418, 3-419,
3-422, 3-450, 3-451, 3-452, 3-470, 3-472,
3-474, 3-485, 3-487, 3-488, 3-489, 3-490,
4-15, 4-26, 4-32, 4-33, 4-34, 5-2
- land use (special use areas), 3-60, 3-61, 3-63,
3-69, 3-72, 3-79, 3-80, 3-81, 3-83, 3-84, 3-86,
3-87, 3-150, 3-151, 3-156, 3-209, 3-211,
3-244, 3-245, 3-246, 3-249, 3-277, 3-309,
3-310, 3-312, 3-349, 3-351, 3-356, 3-386,
3-417, 3-449, 3-451, 3-485, 3-486, 3-489
- land use (trails), - 38 -, 1-80, 3-63, 3-68, 3-73,
3-74, 3-87, 3-153, 3-154, 3-155, 3-157, 3-158,
3-159, 3-163, 3-165, 3-167, 3-168, 3-169,
3-171, 3-210, 3-213, 3-215, 3-216, 3-247,
3-249, 3-272, 3-311, 3-334, 3-353, 3-357,
3-358, 3-359, 3-378, 3-387, 3-389, 3-408,
3-416, 3-420, 3-421, 3-450, 3-454, 3-488, 4-8,
4-36
- land use, - 10 -, - 13 -, - 15 -, - 19 -, - 30 -, - 38 -, - 49
-, - 57 -, - 66 -, - 69 -, - 70 -, - 71 -, - 72 -, 1-20,
1-48, 1-49, 1-50, 1-51, 1-54, 1-56, 1-60, 1-71,
1-80, 1-90, 1-98, 1-106, 3-3, 3-23, 3-59, 3-61,
3-72, 3-75, 3-76, 3-77, 3-78, 3-79, 3-80, 3-81,
3-82, 3-83, 3-84, 3-85, 3-89, 3-93, 3-105, 3-147,
3-149, 3-151, 3-152, 3-159, 3-160, 3-161, 3-162,
3-163, 3-164, 3-166, 3-167, 3-168, 3-169, 3-175,
3-201, 3-208, 3-210, 3-213, 3-216, 3-217, 3-223,
3-242, 3-245, 3-247, 3-248, 3-250, 3-253, 3-254,
3-276, 3-277, 3-278, 3-279, 3-280, 3-282, 3-307,
3-310, 3-312, 3-313, 3-317, 3-349, 3-353, 3-354,
3-355, 3-356, 3-385, 3-387, 3-391, 3-393, 3-415,
3-418, 3-419, 3-448, 3-450, 3-451, 3-452, 3-458,
3-468, 3-469, 3-470, 3-484, 3-485, 3-487, 3-488,
3-490, 3-492, 4-32, 4-33, 4-34, 4-38, 4-39, 5-2
- Marine mammals, - 12 -, 1-37, 3-465, 3-466,
4-14, 4-31, 5-2, 5-3
- Methane, 3-35, 3-304
- Migration routes/migration corridors, 3-27, 3-28,
3-341, 3-343, 3-346
- Military Munitions Response Program (MMRP),
3-151, 4-27

Moose, - 9 -, 1-42, 1-47, 1-48, 3-40, 3-44, 3-49, 3-50, 3-51, 3-69, 3-70, 3-71, 3-72, 3-74, 3-87, 3-88, 3-89, 3-97, 3-98, 3-99, 3-156, 3-158, 3-160, 3-162, 3-201, 3-202, 3-210, 3-212, 3-216, 3-228, 3-239, 3-243, 3-245, 3-246, 3-269, 3-270, 3-271, 3-273, 3-278, 3-310, 3-311, 3-313, 3-317, 3-318, 3-341, 3-343, 3-344, 3-346, 3-361, 3-381, 3-382, 3-383, 3-383, 3-390, 3-413, 3-444, 3-446, 3-481, 3-482, 4-29, 4-30

MWe, 3-359, 3-389

National Register of Historic Places (National Register), 1-38, 1-48, 3-55, 3-57, 3-143, 3-144, 3-145, 3-205, 3-241, 3-272, 3-273, 3-274, 3-275, 3-305, 3-306, 3-348, 4-32

Nitrogen Oxides (NO_x), - 65 -, 1-105, 3-35, 3-36, 3-37, 3-130, 3-131, 3-303, 3-304

noise (avoidance areas), 3-18, 3-26, 3-31, 3-83, 3-86, 3-102, 3-467

noise (CDNL), - 30 -, - 34 -, - 37 -, - 38 -, - 40 -, - 44 -, - 45 -, - 50 -, - 53 -, - 69 -, - 70 -, - 71 -, 1-71, 1-76, 1-80, 1-81, 1-82, 1-85, 1-87, 1-91, 1-93, 3-22, 3-23, 3-24, 3-77, 3-78, 3-79, 3-80, 3-81, 3-83, 3-116, 3-117, 3-118, 3-162, 3-166, 3-190, 3-206, 3-214, 3-220, 3-221, 3-229, 3-230, 3-248, 3-251, 3-258, 3-263, 3-299, 3-355, 3-395, 3-415, 3-419, 3-425, 4-20, 4-34, 4-38

noise (decibel), 3-78, 3-80, 3-82, 3-92, 3-162, 3-315, 3-366, 3-367, 4-20

noise (impulsive noise), - 30 -, - 38 -, - 49 -, 1-45, 1-71, 1-81, 1-90, 3-79, 3-81, 3-161, 3-162, 3-166, 3-214, 3-248

noise (L_{dnmr}), - 15 -, - 19 -, - 34 -, - 38 -, - 54 -, - 58 -, - 64 -, - 66 -, 1-56, 1-60, 1-76, 1-81, 1-94, 1-99, 1-104, 1-106, 3-21, 3-23, 3-24, 3-25, 3-57, 3-80, 3-82, 3-83, 3-84, 3-89, 3-190, 3-193, 3-214, 3-258, 3-259, 3-263, 3-298, 3-299, 3-306, 3-312, 4-20

noise (L_{max}), 3-365, 3-366

noise (PK 15(met)), - 30 -, - 33 -, - 40 -, 1-72, 1-75, 1-82, 3-78, 3-117, 3-162, 3-166, 3-190, 3-210, 3-220, 3-230

noise (SEL), 3-23

Noise effects on wildlife, - 72 -, 3-77, 3-89, 3-277, 3-307, 3-313, 3-346, 3-418, 3-461, 4-6, 5-2

noise, - 10 -, - 11 -, - 13 -, - 15 -, - 20 -, - 21 -, - 24 -, - 30 -, - 34 -, - 38 -, - 40 -, - 45 -, - 48 -, - 56 -, - 57 -, - 64 -, - 66 -, - 69 -, - 70 -, - 71 -, - 72 -, 1-44, 1-45, 1-46, 1-47, 1-49, 1-50, 1-51, 1-54, 1-56, 1-62, 1-63, 1-65, 1-71, 1-76, 1-81, 1-82, 1-87, 1-90, 1-97, 1-98, 1-104, 1-105, 1-106, 2-5, 2-11, 2-29, 2-30, 3-7, 3-21, 3-22, 3-23, 3-24, 3-25, 3-26, 3-51, 3-57, 3-77, 3-78, 3-79, 3-80, 3-81, 3-82, 3-83, 3-84, 3-87, 3-88, 3-89, 3-91, 3-93, 3-94, 3-103, 3-105, 3-116, 3-117, 3-118, 3-120, 3-121, 3-145, 3-146, 3-160, 3-161, 3-162, 3-165, 3-189, 3-190, 3-191, 3-192, 3-193, 3-194, 3-210, 3-213, 3-214, 3-215, 3-216, 3-220, 3-222, 3-229, 3-230, 3-231, 3-232, 3-241, 3-247, 3-248, 3-255, 3-258, 3-259, 3-263, 3-268, 3-270, 3-271, 3-277, 3-278, 3-279, 3-280, 3-282, 3-283, 3-298, 3-299, 3-306, 3-307, 3-312, 3-313, 3-315, 3-321, 3-322, 3-346, 3-347, 3-355, 3-356, 3-365, 3-366, 3-367, 3-383, 3-384, 3-394, 3-395, 3-414, 3-415, 3-418, 3-419, 3-425, 3-426, 3-427, 3-446, 3-451, 3-452, 3-458, 3-460, 3-461, 3-477, 3-478, 3-483, 3-487, 3-489, 4-6, 4-20, 4-21, 4-32, 4-33, 4-34, 4-38, 4-39, 5-3

Nonattainment Area, 3-235, 3-303, 3-324, 4-23

non-potable water, 3-359, 3-360, 3-390

Particulate Matter (PM-10) PM10/PM2.5, - 65 -, 1-46, 1-105, 3-35, 3-36, 3-130, 3-131, 3-235, 3-302, 3-303, 3-304, 3-324, 3-369, 3-397, 3-429, 3-479, 4-23

Particulates, 3-136

Parts Per Billion (ppb)/Parts Per Million (ppm), 3-134, 3-406, 3-410

permafrost, - 10 -, - 13 -, - 27 -, 1-46, 1-54, 1-68, 3-40, 3-132, 3-133, 3-134, 3-135, 3-140, 3-200, 3-201, 3-326, 3-327, 3-328, 3-329, 3-330, 3-331, 3-334, 3-371, 3-372, 3-375, 3-376, 3-378, 3-380, 3-399, 3-400, 3-403, 3-404, 3-431, 3-432, 3-438, 3-439, 4-25

physical resources, - 10 -, - 13 -, 1-46, 1-54, 3-2, 3-37, 3-105, 3-131, 3-132, 3-197, 3-236, 3-266, 3-305, 3-325, 3-327, 3-370, 3-371, 3-399, 3-403, 3-404, 3-430, 3-431, 3-462, 3-480, 4-24, 4-38

population (low-income), - 22 -, - 32 -, - 41 -, - 51 -, - 67 -, 1-50, 1-63, 1-74, 1-83, 1-92, 1-108, 3-104, 3-105, 3-107, 3-108, 3-109, 3-178, 3-179, 3-180, 3-223, 3-254, 3-283, 3-284, 3-319, 3-320, 3-362, 3-363, 3-364, 3-392, 3-393, 3-424, 3-425, 3-457, 3-458, 3-476, 3-492, 4-38, 4-39, 4-40, 5-2

population (minority), - 12 -, - 22 -, - 32 -, - 41 -, - 51 -, - 67 -, 1-63, 1-74, 1-83, 1-92, 1-108, 3-104, 3-105, 3-107, 3-108, 3-109, 3-178, 3-179, 3-180, 3-223, 3-254, 3-283, 3-284, 3-319, 3-320, 3-362, 3-363, 3-364, 3-392, 3-393, 3-424, 3-425, 3-457, 3-458, 3-476, 3-492, 4-38, 4-39, 4-40, 5-2

population (total), 3-91, 3-104, 3-105, 3-178, 3-179, 3-218, 3-223, 3-250, 3-254, 3-283, 3-284, 3-314, 3-319, 3-320, 3-362, 3-363, 3-392, 3-424, 3-457, 3-492

potable water, 3-357, 3-359, 3-388, 3-420

Prevention of Significant Deterioration (PSD), - 17 -, - 26 -, - 33 -, - 65 -, - 68 -, 1-58, 1-64, 1-68, 1-75, 1-105, 1-108, 3-34, 3-35, 3-36, 3-37, 3-129, 3-130, 3-196, 3-235, 3-302, 3-303, 3-324, 3-369, 3-397, 3-429, 3-479, 4-24

Resource Conservation and Recovery Act (RCRA), - 11 -, 3-340

Salmon and Other Fish, - 12 -, - 18 -, 1-18, 1-36, 1-37, 1-38, 1-40, 1-47, 1-59, 3-40, 3-50, 3-52, 3-53, 3-68, 3-75, 3-76, 3-97, 3-98, 3-99, 3-103, 3-151, 3-153, 3-157, 3-159, 3-160, 3-201, 3-239, 3-243, 3-247, 3-273, 3-274, 3-275, 3-318, 3-333, 3-343, 3-344, 3-361, 3-381, 3-382, 3-383, 3-407, 3-413, 3-425, 3-446, 3-463, 3-465, 3-466, 3-467, 3-469, 3-473, 3-474, 3-481, 4-31, 5-2, 5-3

septic tanks, 3-359

socioeconomics (Civilian Aviation), - 40 -, 1-44, 1-49, 1-82, 3-13, 3-92, 3-93, 3-174, 3-185, 3-189, 3-218, 3-220, 3-221, 3-245, 3-251, 3-282, 3-423, 4-36, 4-37

socioeconomics (Economic Activity), 3-92, 3-93, 3-173, 3-218, 3-315, 3-390, 3-473, 4-37

socioeconomics (Employment), - 71 -, 1-20, 1-21, 3-92, 3-93, 3-94, 3-100, 3-101, 3-124, 3-173, 3-174, 3-175, 3-193, 3-218, 3-315, 3-390, 4-11, 4-36, 4-37, 4-39, 4-40

socioeconomics (Housing), - 49 -, - 71 -, 1-90, 3-78, 3-91, 3-94, 3-135, 3-208, 3-218, 3-248, 3-315, 3-390, 3-451, 4-8, 4-36, 4-39

socioeconomics (Industries), - 10 -, - 20 -, 1-61, 3-92, 3-94, 3-174, 3-218, 3-251, 3-315, 3-473, 3-474, 4-36, 4-36, 4-36, 4-39

socioeconomics (Population), - 15 -, - 16 -, - 18 -, - 40 -, 1-15, 1-49, 1-50, 1-57, 1-57, 1-59, 1-81, 3-9, 3-19, 3-21, 3-23, 3-25, 3-26, 3-30, 3-48, 3-49, 3-52, 3-53, 3-54, 3-57, 3-59, 3-78, 3-79, 3-90, 3-91, 3-93, 3-97, 3-101, 3-103, 3-104, 3-105, 3-107, 3-124, 3-157, 3-160, 3-173, 3-177, 3-178, 3-179, 3-201, 3-202, 3-212, 3-217, 3-218, 3-220, 3-223, 3-247, 3-250, 3-254, 3-274, 3-284, 3-300, 3-310, 3-314, 3-318, 3-319, 3-320, 3-348, 3-360, 3-362, 3-363, 3-364, 3-390, 3-392, 3-422, 3-423, 3-424, 3-425, 3-456, 3-457, 3-466, 3-476, 3-489, 3-490, 4-33, 4-35, 4-37,

socioeconomics (Recreation and Tourism), - 9 -, - 10 -, - 13 -, - 19 -, - 30 -, - 38 -, - 41 -, - 49 -, - 66 -, - 73 -, 1-42, 1-43, 1-45, 1-48, 1-49, 1-50, 1-54, 1-60, 1-71, 1-80, 1-81, 1-83, 1-90, 1-106, 3-59, 3-61, 3-66, 3-67, 3-69, 3-70, 3-71, 3-72, 3-73, 3-74, 3-75, 3-76, 3-77, 3-79, 3-80, 3-80, 3-81, 3-84, 3-85, 3-86, 3-87, 3-88, 3-89, 3-92, 3-93, 3-107, 3-122, 3-123, 3-147, 3-151, 3-154, 3-155, 3-156, 3-159, 3-160, 3-161, 3-163, 3-164, 3-165, 3-166, 3-167, 3-169, 3-174, 3-201, 3-208, 3-210, 3-211, 3-213, 3-214, 3-215, 3-216, 3-217, 3-218, 3-219, 3-220, 3-223, 3-228, 3-243, 3-245, 3-245, 3-246, 3-247, 3-248, 3-249, 3-250, 3-251, 3-252, 3-274, 3-277, 3-278, 3-279, 3-280, 3-288, 3-310, 3-312, 3-313, 3-349, 3-353, 3-354, 3-355, 3-387, 3-470, 3-472, 3-474, 3-485, 3-487, 3-488, 3-489, 3-490, 4-15, 4-26, 4-32, 4-33, 4-34, 5-2

socioeconomics (Revenue), 3-310

socioeconomics (Top Employers), 3-218

socioeconomics, - 10 -, - 13 -, - 69 -, - 71 -, 1-49, 1-50, 1-51, 1-54, 3-23, 3-90, 3-105, 3-108, 3-173, 3-174, 3-217, 3-220, 3-250, 3-251, 3-281, 3-285, 3-314, 3-315, 3-360, 3-390, 3-394, 3-422, 3-456, 3-473, 3-474, 3-490, 4-36, 4-38, 4-39, 4-40

soils (hydric soils), 3-329, 3-334, 3-371, 3-372,
3-378, 3-400, 3-408, 3-432, 3-441

soils, - 10 -, - 13 -, 1-54, 3-39, 3-40, 3-131,
3-132, 3-133, 3-135, 3-136, 3-137, 3-140,
3-201, 3-326, 3-327, 3-328, 3-329, 3-330,
3-333, 3-334, 3-339, 3-341, 3-345, 3-370,
3-371, 3-372, 3-375, 3-377, 3-378, 3-379,
3-381, 3-399, 3-400, 3-401, 3-403, 3-404,
3-407, 3-408, 3-410, 3-431, 3-432, 3-435,
3-436, 3-438, 3-441, 3-443, 3-451, 4-24, 4-25,
4-27

Sortie, - 14 -, - 24 -, - 25 -, - 44 -, - 53 -, 1-55,
1-65, 1-66, 1-86, 1-94, 2-5, 2-6, 2-7, 2-14,
2-34, 3-3, 3-6, 3-7, 3-12, 3-13, 3-14, 3-17,
3-83, 3-103, 3-110, 3-117, 3-124, 3-127,
3-145, 3-228, 3-255, 3-256, 3-257, 3-258,
3-398, 3-462, 3-479, 4-18, 4-20, 4-21

Sortie-operation, - 14 -, - 24 -, - 25 -, - 53 -,
1-55, 1-65, 1-66, 1-94, 2-5, 2-7, 2-14, 2-34,
3-3, 3-7, 3-12, 3-13, 3-17, 3-103, 3-110,
3-117, 3-124, 3-127, 3-145, 3-255, 3-256,
3-257, 3-258, 4-18, 4-20, 4-21

subsistence (Alaska Native), - 9 -, - 12 -, - 37 -,
- 48 -, - 66 -, 1-18, 1-37, 1-39, 1-41, 1-48,
1-80, 1-90, 1-106, 3-55, 3-56, 3-57, 3-58,
3-97, 3-101, 3-104, 3-105, 3-108, 3-144,
3-145, 3-146, 3-177, 3-178, 3-179, 3-205,
3-206, 3-207, 3-223, 3-241, 3-242, 3-254,
3-272, 3-273, 3-274, 3-275, 3-276, 3-283,
3-284, 3-305, 3-306, 3-307, 3-318, 3-319,
3-320, 3-348, 3-362, 3-363, 3-364, 3-384,
3-392, 3-415, 3-424, 3-425, 3-447, 3-457,
3-458, 3-475, 3-476, 3-484, 3-492, 3-493,
4-32, 4-39, 5-2, 5-3

subsistence (ANILCA 810), 3-100, 3-101

subsistence (nonrural area), - 51 -, 1-92, 3-253,
3-317, 3-318, 3-361, 3-363, 3-391, 3-393,
4-37, 4-40

subsistence (nonsubsistence area), - 51 -, 1-92,
3-100, 3-164, 3-167, 3-175, 3-176, 3-221,
3-253, 3-317, 3-318, 3-361, 3-363, 3-391,
3-393, 4-37, 4-40

subsistence, - 10 -, - 13 -, - 21 -, - 32 -, - 38 -, - 41 -, -
49 -, - 51 -, - 67 -, - 69 -, - 70 -, - 73 -, 1-37, 1-38,

1-42, 1-43, 1-47, 1-49, 1-50, 1-54, 1-62, 1-63,
1-62, 1-74, 1-80, 1-82, 1-83, 1-82, 1-90, 1-92,
1-107, 3-2, 3-7, 3-18, 3-57, 3-61, 3-66, 3-75, 3-86,
3-96, 3-97, 3-98, 3-99, 3-100, 3-101, 3-102, 3-103,
3-104, 3-105, 3-107, 3-108, 3-161, 3-163, 3-164,
3-167, 3-175, 3-177, 3-178, 3-201, 3-208, 3-210,
3-214, 3-216, 3-221, 3-222, 3-248, 3-253, 3-273,
3-274, 3-277, 3-282, 3-283, 3-288, 3-311, 3-317,
3-318, 3-319, 3-349, 3-355, 3-356, 3-361, 3-362,
3-363, 3-391, 3-392, 3-393, 3-419, 3-423, 3-425,
3-456, 3-457, 3-458, 3-470, 3-473, 3-475, 3-476,
3-485, 3-488, 3-489, 3-491, 3-492, 4-13, 4-37,
4-38, 4-39, 4-40, 5-2

Sulfur Dioxide, 3-35, 3-36, 3-130, 3-131, 3-304

Surface Danger Zone (SDZ), 3-121, 3-155,
3-165, 3-168, 3-204, 3-488, 3-489

Swans, - 9 -, 1-42, 1-47, 3-46, 3-202, 3-269, 3-270,
3-344, 3-346, 3-382, 3-383, 3-413, 3-446

Terminal Radar Approach Control (TRACON),
- 14 -, - 59 -, 1-55, 1-100, 3-7, 3-8, 3-10, 3-15,
3-17, 3-114, 3-116, 3-226, 3-228, 3-286,
3-289, 3-290, 3-291, 3-292, 3-297

thermokarst, 3-132, 3-327, 3-328, 3-329, 3-331,
3-371, 3-375, 3-381, 3-403, 3-404, 3-438

topography, 3-117, 3-132, 3-134, 3-200, 3-325,
3-327, 3-370, 3-371, 3-376, 3-380, 3-399,
3-406, 3-430, 3-438

Toxic Release Inventory Program (TRI), 3-139,
3-141

Toxic Substance Control Act (TSCA), 3-340

Traditional Cultural Properties (TCP), 3-55,
3-108, 3-144, 3-145, 3-205, 3-241, 3-306,
3-348, 3-415, 3-447, 3-484

Traditional Cultural Resources, - 19 -, - 37 -, -
48 -, - 66 -, 1-60, 1-80, 1-90, 1-106, 3-58,
3-107, 3-145, 3-146, 3-206, 3-242, 3-275,
3-276, 3-306, 3-307, 3-348, 3-363, 3-384,
3-415, 3-447, 3-458, 3-476, 3-484, 3-493,
4-39

transmission lines, - 31 -, 1-73, 3-172, 3-360,
3-388, 3-389, 3-453

- transportation (AADT), 3-172, 3-359, 3-389, 3-421, 3-455
- transportation (Level of Service), 4-35
- transportation (marine vessel traffic), 4-36
- transportation (seasonal ice roads), 4-36
- transportation (traffic volumes), 3-172, 3-359, 3-389, 3-421, 3-455, 4-35
- transportation (trails), 38 -, - 66 -, - 73 -, - 74 -, 1-49, 1-80, 1-107, 2-18, 3-61, 3-66, 3-68, 3-72, 3-73, 3-125, 3-149, 3-153, 3-154, 3-155, 3-158, 3-159, 3-161, 3-164, 3-165, 3-167, 3-168, 3-169, 3-171, 3-172, 3-200, 3-210, 3-213, 3-214, 3-215, 3-216, 3-243, 3-247, 3-249, 3-272, 3-277, 3-311, 3-312, 3-313, 3-333, 3-334, 3-349, 3-353, 3-355, 3-356, 3-357, 3-358, 3-361, 3-377, 3-378, 3-385, 3-388, 3-389, 3-408, 3-416, 3-419, 3-420, 3-421, 3-450, 3-452, 3-453, 3-454, 3-455, 3-487, 3-488, 3-489, 4-8, 4-22, 4-26, 4-35, 4-36, 5-2, 5-3
- transportation, - 10 -, - 13 -, - 31 -, 1-18, 1-21, 1-22, 1-44, 1-49, 1-51, 1-54, 1-73, 2-7, 2-45, 2-51, 3-2, 3-23, 3-37, 3-75, 3-90, 3-92, 3-105, 3-170, 3-171, 3-172, 3-173, 3-217, 3-250, 3-251, 3-255, 3-281, 3-285, 3-314, 3-356, 3-357, 3-358, 3-359, 3-360, 3-387, 3-388, 3-389, 3-390, 3-391, 3-393, 3-394, 3-419, 3-420, 3-421, 3-422, 3-426, 3-429, 3-431, 3-452, 3-453, 3-454, 3-455, 3-456, 3-469, 3-471, 3-472, 3-473, 3-477, 3-490, 4-15, 4-34, 4-35, 4-36, 4-38
- Unexploded Ordnance (UXO), - 10 -, - 73 -, 1-43, 1-46, 1-47, 1-48, 2-50, 2-56, 3-121, 3-122, 3-123, 3-124, 3-125, 3-127, 3-128, 3-136, 3-140, 3-141, 3-155, 3-158, 3-161, 3-168, 3-194, 3-195, 3-233, 3-234, 3-238, 3-245, 3-267, 3-322, 3-323, 3-367, 3-368, 3-380, 3-396, 3-407, 3-410, 3-427, 3-428, 3-451, 3-489, 4-22, 4-33, 5-3
- Visual Flight Rules (VFR) air traffic, - 14 -, - 16 -, - 33 -, - 40 -, - 44 -, - 53 -, - 54 -, - 58 -, - 59 -, - 60 -, - 61 -, - 62 -, - 63 -, - 68 -, - 69 -, - 70 -, 1-45, 1-55, 1-56, 1-57, 1-64, 1-76, 1-82, 1-86, 1-87, 1-94, 1-95, 1-99, 1-100, 1-100, 1-101, 1-102, 1-103, 1-103, 1-104, 1-108, 2-21, 3-6, 3-7, 3-9, 3-10, 3-11, 3-15, 3-17, 3-18, 3-20, 3-27, 3-30, 3-31, 3-32, 3-66, 3-85, 3-102, 3-108, 3-111, 3-115, 3-116, 3-177, 3-182, 3-185, 3-187, 3-188, 3-189, 3-220, 3-221, 3-223, 3-226, 3-227, 3-228, 3-229, 3-233, 3-252, 3-256, 3-257, 3-264, 3-282, 3-286, 3-288, 3-289, 3-290, 3-291, 3-292, 3-293, 3-294, 3-295, 3-296, 3-297, 3-298, 3-301, 3-460, 4-18, 4-19, 4-38, 4-39
- Volatile Organic Compounds (VOCs), - 65 -, 1-105, 3-35, 3-36, 3-37, 3-130, 3-131, 3-303, 3-304
- water resources (Floodplains), - 10 -, - 13 -, 1-54, 3-131, 3-135, 3-200, 3-201, 3-202, 3-326, 3-327, 3-330, 3-332, 3-334, 3-346, 3-372, 3-373, 3-374, 3-377, 3-378, 3-379, 3-400, 3-402, 3-408, 3-432, 3-433, 3-434, 3-436, 3-437, 3-441, 3-442, 4-26
- water resources (Groundwater), - 27 -, 1-69, 3-38, 3-132, 3-134, 3-135, 3-136, 3-137, 3-138, 3-140, 3-170, 3-327, 3-331, 3-332, 3-339, 3-357, 3-371, 3-376, 3-388, 3-405, 3-406, 3-407, 3-409, 3-410, 3-420, 3-431, 3-439, 3-440, 3-443, 3-453, 4-25, 4-27
- water resources (Lakes), - 6 -, - 8 -, - 23 -, - 25 -, - 27 -, - 28 -, - 29 -, 1-22, 1-46, 1-64, 1-66, 1-68, 1-69, 1-71, 2-14, 2-16, 2-45, 2-47, 2-50, 3-9, 3-40, 3-55, 3-63, 3-66, 3-67, 3-68, 3-69, 3-70, 3-71, 3-72, 3-74, 3-75, 3-76, 3-83, 3-84, 3-87, 3-89, 3-91, 3-110, 3-116, 3-117, 3-118, 3-127, 3-132, 3-133, 3-134, 3-137, 3-138, 3-141, 3-142, 3-143, 3-144, 3-146, 3-149, 3-154, 3-155, 3-156, 3-157, 3-158, 3-159, 3-160, 3-162, 3-166, 3-169, 3-180, 3-197, 3-201, 3-211, 3-213, 3-246, 3-274, 3-288, 3-310, 3-311, 3-325, 3-327, 3-331, 3-332, 3-335, 3-339, 3-355, 3-357, 3-365, 3-370, 3-371, 3-375, 3-379, 3-382, 3-384, 3-385, 3-387, 3-388, 3-389, 3-390, 3-394, 3-395, 3-399, 3-400, 3-404, 3-405, 3-408, 3-409, 3-410, 3-422, 3-452, 3-488, 4-15, water resources (Surface Water), 3-38, 3-39, 3-134, 3-135, 3-136, 3-137, 3-138, 3-140, 3-170, 3-197, 3-327, 3-331, 3-332, 3-333, 3-334, 3-335, 3-340, 3-371, 3-375, 3-376, 3-377, 3-378, 3-379, 3-406, 3-407, 3-409, 3-410, 3-438, 3-439, 3-440, 3-441, 3-463, 4-25, 4-27
- water resources (Unexploded Ordnance), - 10 -, - 73 -, 1-46, 1-47, 1-48, 3-121, 3-122, 3-125, 3-127, 3-128, 3-195, 3-234, 3-323, 3-368, 3-396, 3-428, 4-22, 5-3

water resources (Water Quality), - 27 -, 1-68,
3-135, 3-136, 3-137, 3-140, 3-197, 3-330,
3-331, 3-332, 3-376, 3-377, 3-406, 3-407,
3-408, 3-410, 3-439, 3-440, 3-441, 3-442,
3-463, 3-465, 3-467, 4-25, 4-26, 4-31, 5-4

water resources (Waterways), 1-38, 1-49, 3-134,
3-277, 3-331, 3-332, 3-334, 3-343, 3-346,
3-375, 3-378, 3-405, 3-408, 3-438, 3-451,
3-469, 3-472, 4-26

water resources (Wetlands), - 10 -, - 13 -, - 27 -, - 74
-, 1-38, 1-46, 1-47, 1-54, 1-69, 2-43, 2-47, 2-50,
3-27, 3-28, 3-132, 3-135, 3-136, 3-137, 3-149,
3-159, 3-201, 3-202, 3-327, 3-328, 3-330, 3-331,
3-332, 3-333, 3-334, 3-335, 3-341, 3-344, 3-376,
3-377, 3-378, 3-379, 3-381, 3-383, 3-406, 3-407,
3-408, 3-439, 3-440, 3-441, 3-442, 3-451, 4-26,
5-2, 5-3

water resources, - 10 -, - 13 -, 1-46, 1-47, 1-51, 1-54,
3-2, 3-37, 3-105, 3-134, 3-197, 3-236, 3-266,
3-305, 3-330, 3-332, 3-333, 3-334, 3-345, 3-376,
3-378, 3-383, 3-405, 3-406, 3-407, 3-439, 3-440,
3-441, 3-463, 3-468, 3-480, 4-25, 4-38

Waterfowl (ducks and geese), - 18 -, 1-60, 3-27,
3-31, 3-40, 3-45, 3-50, 3-52, 3-156, 3-201, 3-202,
3-239, 3-246, 3-268, 3-269, 3-270, 3-271, 3-273,
3-310, 3-313, 3-341, 3-343, 3-344, 3-345, 3-346,
3-381, 3-382, 3-383, 3-413, 3-444, 3-446, 3-481,
3-482, 4-29

Wildlife lambing/calving areas, - 9 -, 1-42, 1-47,
3-40, 3-51, 3-52, 3-53, 3-103, 3-203, 3-239,
3-269, 3-270, 3-278, 3-341, 3-343, 3-344,
3-345, 3-346, 3-347, 3-382, 3-383, 3-413,

3-414, 3-444, 3-446, 3-451, 3-481, 3-482,
3-483, 3-489, 4-29, 4-30

Wildlife, - 72 -, - 74 -, - 9 -, - 16 -, - 18 -, - 21 -,
- 29 -, - 37 -, - 46 -, - 48 -, - 54 -, - 56 -, 1-18,
1-36, 1-36, 1-38, 1-40, 1-42, 1-44, 1-45,
1-45, 1-47, 1-47, 1-57, 1-57, 1-59, 1-59,
1-59, 1-62, 1-63, 1-62, 1-71, 1-79, 1-79,
1-87, 1-89, 1-89, 1-89, 1-95, 1-97, 3-26,
3-27, 3-28, 3-28, 3-28, 3-29, 3-31, 3-31,
3-32, 3-33, 3-48, 3-49, 3-49, 3-49, 3-49,
3-50, 3-50, 3-51, 3-51, 3-51, 3-53, 3-54,
3-54, 3-54, 3-57, 3-67, 3-74, 3-74, 3-74,
3-74, 3-81, 3-81, 3-84, 3-102, 3-102,
3-103, 3-103, 3-103, 3-103, 3-104, 3-107,
3-121, 3-124, 3-127, 3-136, 3-136, 3-137,
3-137, 3-140, 3-142, 3-151, 3-153, 3-156,
3-177, 3-194, 3-201, 3-201, 3-201, 3-202,
3-202, 3-202, 3-203, 3-204, 3-219, 3-222,
3-222, 3-234, 3-239, 3-239, 3-239, 3-240,
3-240, 3-243, 3-247, 3-247, 3-251, 3-264,
3-268, 3-268, 3-268, 3-269, 3-270, 3-270,
3-270, 3-271, 3-271, 3-274, 3-283, 3-301,
3-301, 3-305, 3-322, 3-330, 3-333, 3-341,
3-341, 3-343, 3-343, 3-343, 3-343, 3-344,
3-344, 3-345, 3-345, 3-346, 3-346, 3-346,
3-347, 3-347, 3-347, 3-347, 3-362, 3-363,
3-381, 3-381, 3-382, 3-382, 3-382, 3-383,
3-383, 3-383, 3-383, 3-384, 3-384, 3-390,
3-407, 3-411, 3-413, 3-413, 3-413, 3-414,
3-414, 3-416, 3-423, 3-444, 3-444, 3-446,
3-446, 3-447, 3-451, 3-457, 3-470, 3-476,
3-481, 3-482, 3-483, 3-483, 3-489, 4-3,
4-14, 4-14, 4-21, 4-22, 4-25, 4-29, 4-30,
4-30, 4-33, 5-3, 5-2, 5-3, 5-3