

[p]

[b]

[m]

[f]

[v]

[θ]

[ð]

[t]

[d]

(voiced) bilabial nasal
moose, lamb, smack, amnesty,
ample

voiced bilabial stop
ball, globe, amble, brick, bubble

voiceless bilabial stop
pit, top, spit, hiccough, appear

voiceless dental fricative
through, wrath, thistle, ether, teeth

voiced labiodental fricative
vest, dove, gravel, anvil, average

voiceless labiodental fricative
foot, laugh, philosophy, coffee,
carafe

voiced alveolar stop
dip, card, drop, loved, batted

voiceless alveolar stop
tag, pat, stick, pterodactyl, stuffed

voiced dental fricative
the, their, mother, either, teethe

[s]

[z]

[n]

[l]

[r]

[ʃ] ([ʃ])

[ʒ] ([ž])

[tʃ] ([č])

[dʒ] ([j])

(voiced) alveolar nasal
nap, design, snow, know,
mnemonic

voiced alveolar fricative
zip, roads, kisses, Xerox, design

voiceless alveolar fricative
soap, psychology, packs, descent,
peace

voiceless palatal fricative
shy, mission, nation, glacial, sure

(voiced alveolar) retroflex liquid
reef, fear, Harris, prune, carp

(voiced alveolar) lateral liquid
leaf, feel, Lloyd, mild, applaud

voiced palatal affricate
judge, George, Jello-O, region,
residual

voiceless palatal affricate
choke, match, feature, constituent

voiced palatal fricative
measure, vision, azure, casualty,
decision

[j] ([y])

[w]

[k]

[g]

[ŋ]

[h]

[ʔ]

[i]

[ɪ]

voiceless velar stop
kit, scook, character, critique, exceed

(voiced bilabial) glide
*with, where, mowing, queen,
twilight*

(voiced palatal) glide
you, beautiful, feud. use, yell

(voiceless) glottal fricative
who, hat, rehash, hole, whole

(voiced) velar nasal
lung, think, finger, singer, ankle

voiced velar stop
*guard, bag, longer, designate,
Pittsburgh*

high-front (lax un-rounded) vowel
*bit, consist, injury, malignant,
business*

high-front (tense un-rounded)
vowel
beat, we, believe, people, money

(voiceless) glottal stop
uh-oh, hatrick, Batman

[e]

[ɛ]

[æ]

[u]

[ʊ]

[o]

[ɔ]

[ɑ]

[ʌ]

low-front (lax un-rounded) vowel
bat, laugh, anger, comrade, rally

mid-front (lax un-rounded) vowel
bet, reception, says, guest, bury

mid-front (tense un-rounded)
vowel
bait, reign, great, they, gauge

mid-back (tense rounded) vowel
boat, beau, grow, though, over

high-back (lax rounded) vowel
*put, foot, butcher, could,
boogie-woogie*

high-back (tense rounded) vowel
boot, who, sewer, duty, through

mid-central (lax unrounded)
vowel
but, tough, another, oven

low-back (lax unrounded) vowel
pot, father, sergent, honor, hospital

mid-back (lax rounded) vowel
bought, caught, wrong, stalk, core

[ə]

[ay] (ai)

[aw] (au)

[oy] (oi)

diphthong

bout, brown, doubt, flower, loud

diphthong

bite, Stein, aisle, choir, island

schwa

among, sofa, Asia

diphthong

*boy, doily, rejoice, perestroika,
annoy*