
WMAP Cosmological Parameters

Model: Λ cdm

Data: wmap9+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.406_{-0.095}^{+0.098}$	H_0	69.1 ± 1.0 km/s/Mpc
$\ell(\ell + 1)C_{220}/(2\pi)$	5751 ± 35 μK^2	$d_A(z_{\text{eq}})$	14166_{-114}^{+112} Mpc
$d_A(z_*)$	14001_{-118}^{+116} Mpc	$D_v(z = 0.57)/r_s(z_d)$	13.42 ± 0.13
η	$(6.22 \pm 0.13) \times 10^{-10}$	k_{eq}	0.01001 ± 0.00031
ℓ_{eq}	$140.1_{-3.3}^{+3.2}$	ℓ_*	302.24 ± 0.64
n_b	$(2.554_{-0.052}^{+0.053}) \times 10^{-7}$ cm^{-3}	n_s	0.974 ± 0.012
$\Omega_b h^2$	0.02275 ± 0.00047	$\Omega_c h^2$	0.1143 ± 0.0043
Ω_Λ	$0.715_{-0.013}^{+0.143}$	$\Omega_m h^2$	0.1371 ± 0.0042
$r_s(z_d)$	152.0 ± 1.2 Mpc	$r_s(z_*)$	145.5 ± 1.1
R	$1.729_{-0.014}^{+0.015}$	σ_8	0.824 ± 0.024
$\sigma_8 \Omega_m^{0.5}$	0.441 ± 0.018	$\sigma_8 \Omega_m^{0.6}$	0.389 ± 0.017
A_{SZ}	< 2.0 (95% CL)	t_0	13.81 ± 0.18 Gyr
τ	0.089 ± 0.014	θ_*	0.010394 ± 0.000022
θ_*	0.5956 ± 0.0013 $^\circ$	τ_{rec}	$283.6_{-2.2}^{+2.3}$
t_{reion}	452_{-65}^{+64} Myr	t_*	375855_{-3865}^{+3915} yr
z_d	1021.0 ± 1.0	z_{eq}	3281 ± 101
z_{rec}	1088.08 ± 0.75	z_{reion}	10.6 ± 1.1
z_*	$1090.87_{-0.80}^{+0.79}$		
